



WATTS NEWS

Welcome to the OARC e-Magazine

www.OgdenArc.org

DECEMBER 2008

Next Club Meeting

3rd Saturday December 20, 2008

Topic: Family Dinner Party

OARC OFFICERS

President: Kent Gardner W7AHY
Vice Pres: Justin Doxford KE7ROQ
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"WATTS NEWS" e-Magazine

NL Editor: Val Campbell K7HCP

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Board Advisor: Stan Sjol W0KP
Past President/Advisor: Mike Fullmer KZ7O
Repeater Engr: Mike Fullmer KZ7O
VE Liaison: Mary Hazard W7UE

PREVIOUS CLUB MEETINGS

3rd Saturday November 15, 2008

Solar Power By James Brown NA7G

Jim used a power point presentation about his solar powered cabin site to explain how he, over many years, has provided himself a public utility free solution for his cabins energy needs.

Using solar panels he collects enough power to heat his cabin, heat the water and charge batteries that provide lights and all his electrical need for the cabin year around.

Interesting note: He is able to keep water heated all winter long as a by-product of the excess energy collected once the batteries are fully charged. Why let the suns free energy go to waist?

Thanks to James Brown for sharing his exciting solar power experiences with us.

TECHNICAL TIDBIT

Submitted by Tom Harrington AF7J

Have you even heard any strange digital data sounds on the short wave bands, especially the Amateur Radio bands, and wondered what they were or what mode they might be transmitted in? Well, Tom found a website called **Digital Modes Samples** that provides use with the ability to identify those sounds by listening to sound bytes of many of the digital communication modes and pair them up with the names and descriptions of each. Give it your ear.

<http://www.kb9ukd.com/digital/>

[pics go here](#)

NEXT CLUB MEETING

When: 3rd Saturday December 20, 2008

Time: 6:00 PM

Location: Old China Buffet
3460 WASHINGTON BLVD
OGDEN, UTAH 84401

Topic: OARC Family Dinner Party

GRAND DOOR PRIZE: \$100 GIFT CARD
FREE DINNER TONIGHT FOR 5 LUCKY WINNERS

(paid-up members only) - you can join/renew at the beginning of the meeting

Talk-in: -146.90 (pl=123)

Repeater Update

One comment on the 146.82 (Mt Ogden) repeater. It is dead.

I first thought it was a coax problem, but those involved with taking care of it feel it is an antenna failure. The Weber County Sheriffs office is attempting to round up some money to purchase a new antenna. Hopefully it can be purchased by the end of this year, but it might have to wait until January. Then a helicopter ride will need to be planned. Right now the goal is to have it back on the air sometime in January or February.

The antenna that is up there is seeing extreme weather conditions. It is just a standard ham antenna, not a commercial heavy duty one. It has been up there since 2002. Six years is a long life under the circumstances. The 448.600 repeater is also at the same site. Its antenna is hanging upside down. Yes, it is mounted upside down on the bottom of the same bracket that holds the 146.82 antenna. It is felt that this upside down condition results in a very robust mounting arrangement. It does not matter how much ice build up is on the antenna. It would be nice to do this to the 146.82 antenna, but there is not room to do this.

Mountain top repeaters are real nice, until they have a problem.

Mike Fullmer KZ7O - OARC Repeater Engineer

OGDEN AMATEUR RADIO CLUB - FAMILY DINNER PARTY

DATE: DECEMBER 20, 2008

TIME: 6 - 8 P.M.

PLACE: OLD CHINA BUFFET

LOCATION: 3460 WASHINGTON BLVD
OGDEN, UTAH 84401

ALL YOU CAN EAT: 50+ ITEM MENU

PRICE: ADULTS \$ 9.59 (includes soft drinks)

KIDS	AGES	PRICE
	2 YRS	1.98
	3 - 6	3.99
	7 - 11	6.59

GRAND DOOR PRIZE:

\$100 VISA GIFT CARD

FREE DINNER TONIGHT FOR 5 LUCKY WINNERS

(paid-up members only) - you can join/renew at the beginning of the meeting

FROM THE PRESIDENTS SHACK

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Kent Gardner WA7AHY

From the President's Shack
December 2008

I finally made it! No not to Extra Class yet, but to the ARES/Weber County meeting the first Saturday in December. Lance Peterson, of Homeland Security Emergency Services gave a two-hour overview of emergency procedures for the area and how amateur radios operators fit into the plans...In particular the Amateur Radio Emergency Service (ARES).

I picked up on several great ideas and thought I would use this platform to pass them on to you. Their recommended "Grab and Go Kits" are made up of the following items:

"Basic" member kit
2 M or 2M/70cm (preferred) handheld radio
Alkaline battery pack for handheld radio w/extra batteries
5/8 or wave gain antenna for handheld radio
Earphone for handheld radio
Resource book with map of Weber County,
Pad of paper, zipper pouch w/pens and pencils and team handbook

Additional equipment required as a "Specialist"
Portable 2M antenna (Jpole, wire groundplane, Magmount etc.)
SO239/SO239 adapter
SO239/BNC male adapter
Flashlight (AA)
Pocket knife
50 feet nylon rope (1/4" or better)
Water (two quarts minimum)
Personal first aid kit
PL259/BNC female adapter
8 AA alkaline batteries
Roll of electrical tape
3 MREs (Meals Ready to Eat)
Light snacks
\$5.00 in bills or change

I challenge each of you to put one of these together and have it available for emergencies. We need not sign up with the Sheriff's/ARES team necessarily, but it just makes good sense to be prepared. If you are going to buy your own Christmas presents, why not include some of the above items.

I hope to see all of you and your families at the Christmas dinner on Saturday the 20th at 6:00 PM at the Old China Buffet, 3460 Washington Blvd. There will be no regular meeting at the fire station that morning. The dinner is in lieu of the meeting. I hope you all have a Merry Christmas and a Happy Hamming New Year.

TNX Kent, WA7AHY

CLUB OFFICER BIO

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Justin Doxford KE7ROQ

OARC Vice President

I got my start with start in radio with a little short wave radio my late Grandfather gave me. I would sit in his garage scanning and listening. I then got hooked on CB radios while going to Kamas every year to get wood for the winter. We had a couple trucks in our envoy and would talk to each other along with the truckers on the road. It was not till High School that I had heard about Amateur Radio. My electronics teacher was a ham and talked about Ham Radio here and there in class. The school used to have a call sign but no one had used it in years and no one seemed to care anymore. It wasn't until after I was married and called into the Boy scouts that I got my hands dirty with Hams. I went to a JOTA with the scouts and was hooked from there. I didn't get my license for another 4 years but I have been an addict ever since. My first radio is an IC-91A it's been a nice one. I wish I wouldn't have purchased a handheld to start but I love the radio none the less. I am looking forward to upgrading to my General the next test session and hope to get my hands dirty on the HF Bands. (Still need to get an HF radio!) I enjoy the Ogden club and have enjoyed the friendships I have made so far. I look forward to many more years as a ham.

73's from KE7ROQ

NEWS ARTICLES



No exceptional news to report from AR Newsline this month. Sorry!



FCC Calls on Amateur Radio Service for Assistance with Digital TV Conversion (Dec 10, 2008)

-- Earlier this week, the ARRL received a request from the FCC asking that ARRL members to provide technical educational assistance to their communities concerning the FCC-mandated digital television (DTV) conversion scheduled for February 17, 2009.

Editors Note:

More information available at <http://www.arrl.org>

Check out the Digital Conversion website at <http://www.dtv.gov/outreach.html>

Editors Note:

The few months ago I introduced an editorial section in the monthly newsletter written by Dan Romanchik, KB6NU. For over five years, he has been blogging about ham radio at www.kb6nu.com, and for almost a year, he has been writing a column for ham radio newsletters that he has been offering for free to any club that wants to publish it. Sometimes the material is directly from his blog, sometimes it's original material. When space permits we may hear more from him.

EDITORIAL

By Dan Romanchik KB6NU

Let's Get on the Maker Bandwagon

About a week ago, I got an e-mail from a ham down in Texas who had attended the Maker Faire (makerfaire.com). "Makers" are people who love to tinker and make things. They even have their own magazine, Make (www.makezine.com).

He was amazed at the lack of any amateur radio content. He wrote, "The Maker Faire was unbelievable. Incredible stuff. Pedal powered carnival rides, robots, computer drive routers, kits. Outside of a table with a Vectronics kit, and a license manual, and a QRP book, the only radio stuff was from a pirate radio group."

I'm kind of amazed at this as well. It just goes to show how disconnected amateur radio is getting from the mainstream. These are exactly the kind of people we want to get interested in amateur radio, yet there was no one there representing us.

Ham radio needs to be at these events and get plugged into the "maker community." The Faire has not yet released attendance figures for this particular Faire, but more than 65,000 people attended the Faire held in May 2008. Dayton, with its attendance of about 20,000, looks anemic by comparison.

I blogged about this back in May (<http://kb6nu.com/why-cant-dayton-be-more-like-the-maker-faire/>). One of the things I suggested then is moving Dayton to some place like Austin. Seriously, if you were a new, young ham, where would you rather go, Dayton, OH or Austin, TX? Let's be real here.

And can there be a worse place for an event than Hara Arena? The parking lot, where they hold the flea market looks like a mine field, and it usually rains, making the flea market a wet, unpleasant experience. Is it any wonder that fewer and fewer vendors choose to haul stuff out there? Some of us older hams might fondly reminisce about the bargain we found while traipsing around wearing a trash-bag poncho, but a story like that is not going to resonate with new hams.

Please don't get me wrong. I don't mean to badmouth the Dayton Amateur Radio Association or the Hamvention. I actually think that they do a great job, all things considered. I'm just pointing out that if ham radio wants to again be part of the mainstream, we have to get with the program. Unfortunately, that program probably won't be at the Hara Arena.

Ham radio has got to figure out how to latch onto the Maker phenomenon. At the very least, the ARRL should have a booth at the next one, and in addition to all the books and t-shirts, they need to come up with some kind of demo or display to attract makers into ham radio. I don't know what exactly, but I'm willing to start talking about it.

This phenomenon might also be a boon for clubs who hold hamfests. Just as the computer craze turned ham swaps into ham and computer swaps in the 80s, perhaps ham clubs could turn their hamfests into a combination hamfest and Maker Faire in their communities.

As I said earlier, Makers are exactly the kind of people we want in ham radio. Let's go out and get them.

When Dan's not pontificating about ham radio, you'll find him working CW on 40m, teaching ham classes, or running for the ARRL Board of Directors. Read more by going to www.kb6nu.com. Send e-mail to cwgeek@kb6nu.com.

FEATURE ARTICLE

Scanning the Top of Utah - Update

By Val Campbell K7HCP

A few years ago I published an article by this name here in the OARC club newsletter and made many charts and scanning aids available for download from the OARC club website "downloads" page. Well, a lot of interesting things have happened since that time and some quite recently so I thought it would be a good time to publish an update to bring the local scanner hobbyist up to date. But first an introduction for the new comers to the hobby of scanning.

The hobby of Amateur (Ham) Radio can have many side interests and activities besides the main stream activity of "Hamming". Short Wave Listening (SWL) and Scanning are two of the most interesting. "What's the difference between these two activities?" you may ask. It's mainly what you listen to and what you listen with.

SWL'ing involves listening to the High Frequency (HF) short wave bands various broadcasts and transmissions from across the world with a short wave radio receiver. This is usually a manual process as you tune the dial on the receiver listening so very carefully. You might hear a Ham in QSO with another Ham across the country or across the world. You might also pick up a signal such as the SOS from the Titanic as it was sinking in the North Atlantic one cold winter night many years ago. Well, maybe not in this century but one of your antecessors may have. Who knows, that may be why you have the "Radio" gene in your genealogy.

Scanning involves listening in on the Very High Frequencies (VHF) and Ultra High Frequencies (UHF) bands using a radio scanner. The signals you receive here are local (line of sight) transmissions. A scanner searches (scans) continuously, listening for transmissions from a variety of sources that you have pre-programmed into your scanner. Interesting sources may include Hams, Airports, Railroads and Public Service providers such as the county sheriff department, local police departments and municipal services and other first responders such as fire departments and search and rescue teams. There is nothing more interesting than following (listening in on) the SWAT team as it raids a crack house or listening to fireman as they find their way through a smoke filled house looking to save potential victims from the effects of the fire. One evening years ago, while listening to the local police dispatcher channels, I heard my own name as it came blasting out of the speaker of my scanner. Can you imagine my surprise when I heard this unexpectedly? It seems that the police had just found a stolen motorcycle

of mine and requested a VIN trace resulting in my name as the owner from the DMV database?

I mentioned earlier that scanning in the Top of Utah has changed recently. The Northern Utah Public Service (PS) frequencies that have been in use for many years now have all gone silent, seemingly over night. Where there used to be a respectable amount of activity to keep us all entertained for hours on end have come to an abrupt end.

What has happened is that the PS bands frequency allocations nation wide have changed. They call this "ReBanding". Over time all PS users will be moving to a lower segment of the 800 MHz Trunked PS band. And wouldn't you know it? In our state the "Utah Communications Agency Network" (UCAN) is leading the nation in the conversion. In this area it all started about mid-to late summer 2008. The Mt Ogden repeater was rebanded sometime between September and October 2008 and all the other trunked PS repeaters from Utah Co north to the Idaho border followed soon behind. The last of Top of Utah UCAN repeater to reband was Weber Co/Ogden which took place earlier this week about dinner time (December 9, 2008). Yes, I was listening at the time and followed the UCAN tech's conversations as they did the deed. Then...silence, all channels dead. Since I had been expecting this to happen eventually I was ready. So I tuned to the new rebanded frequencies and there they were.

The bad news is that many popular and some fairly new trunking scanners on the market will not be able to follow the new rebanded trunked transmissions in "Trunking" mode after the conversion. Scanners previously capable of monitoring Trunked 800MHz PS bands will be reduced to doing conventional memory scan methods of scanning as we used to do years before. A few of the newest models of scanners will survive. Those that are designed with "Flash" update capability, or those that were marketed since the rebanding requirement was announced. Others will have to be replaced with newer models to continue to Trunk scan our PS frequencies successfully.

In the Top of Utah, the UCAN repeaters output frequency/channels all changed by moving exactly 15 MHz lower. For example, the Weber/Ogden Control Channel was 868.9875 MHz and is now 853.9875 MHz. All related trunked voice channels moved downward by 15 MHz also. Repeater inputs frequencies remain unchanged. Also outlined in the rebanding effort mandate 12.5 KHz bandwidth channels. Some parts of the country were still using 25 KHz bandwidths and this change would ensure more available channels to the PS spectrum users. Fortunately UCAN was already using 12.5 KHz channel spacing so there was no need for change here.

The explanation for why many of our Trunking scanners will no longer be able to successfully trunk the rebanded channels is a simple but a devastating one. Burned into the scanners silicon chips are firmware micro-code and tables that map the voice channels presence in the trunked radio system. The scanner decodes the digital data command channels data and then switches the scanner to the appropriate voice channel frequency assigned to each transmission for this specific talk group. The problem is that after rebanding the hard coded channel tables became obsolete and may not direct the scanner to switch to the correct voice channel. Success or failure depends on the specific scanner manufacture and model and on which voice channel frequencies the FCC assigned to each of the trunked radio service repeaters.

It appears that failure of the scanner to successfully switch to the correct voice channel depends on what frequency the voice channel was assigned. If the 4th KHz position in the frequency (MMM.KKKx) is a "5" then every thing is cool. If a zero ("0") is in that position, then it fails and all you hear is static as the scanner tried to receive an out of band of signal. For example, two of the voice channels assigned to Weber/Ogden repeaters are 852.6125 and 852.9250. When the system uses the .6125 channel all is ok but when the .9250 channel is used for transmission the scanner fails.

My Radio Shack PRO-95 and PRO-97 triple trunking scanners will no longer successfully trunk scan any of the Top of Utah UCAN PS systems. The Pro-96 has a firmware "flash" update available from Radio Shack to help it survive. The NEW Radio Shack PRO-164 will need a flash update to make it work depending on the firmware level present which could depends on the date of manufacture. I have confirmed that Pro-2052 will not follow the rebanding but the PRO-528 does works as is. Radio Shack scanners are not the only brands effected. Uniden/BeadCat scanners are likewise effected. Don't let this detour your scanning pleasure. You can still scan the PS frequencies the old way by programming in to memory banks the entire list of voice channels for each repeater site and then do a memory scan.

I hope the entire proceeding dialog provides helpful background to those who might be interested in scanning the Top of Utah and maybe some insight as to why their scanners went silent earlier this week.

Use the internet and GOOGLE "800 Mhz ReBand" or "PRO-#### Reband". There is a world of information out there for you to read about this subject.

I have included several charts and tables below that represent my personal scanning activity in the past. I have personally confirmed and logged each and every frequency listed and all of the tables provided. Of course things

change over time and some frequencies may not still be in service, especially the 150 MHz public service frequencies. Most of the Ham band frequencies are current and ALL of the UCAN & TRUNKED Public Service channels and Talk Group ID's have been update to current as on December 2008.

This information and the following tables will be placed on the www.OgdenARC.org web site "downloads" page for you to use as you would like.

I hope you enjoy scanning the Top of Utah as much as I do.
Fell free to contact me if you think I can answer any question or help you in any way.

Val Campbell, K7HCP
K7hcp@arrl.net or webmaster@ogdenarc.org

Table of Contents (Charts attached below)

Trunk Scanning - Channels & Talk Groups (post rebanding)

- UCAN NORTH - Trunking Control Channels
- UCAN NORTH - Trunking Voice Channels
- UCAN Talk Group ID's (trunking mode only)

Conventional Scanning - Frequencies

- HAM BANDS (vhf & uhf)
- RAIL ROAD - OGDEN
- UTA, SCHOOL BUS, NOAA WX
- OGDEN & HAFB AIRPORT
- SALT LAKE CITY AIRPORT
- CORDLESS TELEPHONES
- UHP & EMS (150 Mhz band)

Scanning Aids

- Agency Call Signs/Numbers
- 10-Codes & Code Numbers
- Phonetic Alphabet

UCAN NORTH - Trunking Control Channels

UCAN NORTH Control Channels		
Weber Co	853.9875	MO
Mount Ogden	851.8000	MO
Promontory Pt	853.7000	MO
Davis Co	852.8375	MO
Layton	853.7750	MO
Francis Peak	853.8250	MO
Morgan Pk	851.7125	MO
Brigham City	852.1375	MO
Nelson Pk	853.5500	MO
SL Co	853.1125	MO
Utah Co	852.6625	MO
UCAN END		

UCAN NORTH - Trunking Voice Channels

Repeater/Location	Call Sign	Frequency	Channel
Weber Co (Ogden City, So Ogden, No Ogden)	WPRH429	851.9500	future use
		852.2750	voice channel
		852.3000	voice channel
		852.5875	voice channel
		852.6125	voice channel
		852.9000	voice channel
		852.9250	voice channel
		853.2375	voice channel
		853.2875	voice channel
		853.9625	future use
		853.9875	control channel
		Mt Ogden (Weber Co, Davis Co) (Summit Co, SL Co)	WPRH438
851.1875	future use		
851.4375	voice channel		
851.5500	future use		
851.7625	voice channel		
851.8000	control channel		
852.0750	voice channel		
852.3625	voice channel		
853.6250	future use		
853.6500	voice channel		
853.8750	future use		
853.9000	future use		

Promontory
(Promontory Pt)

WPQJ452

851.2500
851.5750
851.7375
852.8750
853.3500
853.7000

voice channel
future use
voice channel
future use
voice channel
control channel

Davis Co
(Layton, Clearfield, Layton)
(Farmington, Bountiful)

WPRI285

851.9250
852.2000
852.2250
852.4500
852.4750
852.8125
852.8375
853.1500
853.1750
853.6000
853.8500

control channel

Layton City
(Davis Co Landfill)

WPRF822

851.2875
851.3125
851.4625
853.0500
853.7750
853.8000
853.9250

control channel

Kaysville City
(Francis Peak)

WPRH430

851.2250
851.4875
851.8250
852.5625
853.3125
853.6750
853.8250

control channel

Morgan Co
(Morgan Pk)

WPRF496

851.0875
851.3875
851.7125
852.1000
852.6750
852.9750
853.5250

control channel

Brigham City
(Resevior Hill)

WPRH434

851.0625
851.3375

		851.6125	
		851.8625	
		852.1375	control channel
Nelson Pk (Magna)	WPQJ462	851.0375	
		851.0500	
		851.1000	
		851.1250	
		851.3750	
		851.4000	
		851.6500	
		851.7000	
		851.9000	
		852.1125	
		852.7500	
		852.9875	
		853.5500	control channel
		853.5750	
		853.7500	
Salt Lake Co (SLC, Sandy, Draper, Magna)	WPRR826	851.8750	
		852.1500	
		852.1750	
		852.4000	
		852.4250	
		852.6875	
		852.7250	
		853.0875	
		853.1125	control channel
		853.4125	
		853.5125	
Utah Co (Provo, Lehi, Spanish Fork)	WPRS306	851.7250	
		851.9750	
		852.0875	
		852.3250	
		852.3750	
		852.6375	
		852.6625	control channel
		852.9625	
		853.0625	
		853.3375	
		853.3625	

UCAN Talk Group ID's (trunking mode only)

UCAN Engr	4096	DC Disp 2	9440	BE Co Sheriff	15680
Uhp WC c2c	4384	DC Sheriff 1	9568	Brigham City PD	15872
Uhp DC c2c	4416	Davis Fire	9600	Cache Co Sheriff	16000
Uhp SL c2c	4448	DC Pub Safe		Logan City PD	16128
Uhp UC c2c	4512	Comm	9728	McKayDee Hos	16448
Uhp Spcl Op1	4608	DC SO Spec Ops	9824	Ogd Reg Hosp	16480
Uhp Spcl Op2	4640	DC SAR	9856	Dav Co Hosp	16512
Uhp Protect Svc	4672	DC Sheriff 2	9952	LDS Hosp	16576
Uhp Inspections	4736	Layton Fire1	10368	U of U Hosp	16608
Uhp Inspect c2c	4768	Layton Fire2	10400	Air Med 1	17184
Uhp Motor c2c	4832	Layton PD 1	10464	Air Med 2	17216
WC Fire Ch 1	5600	Layton PD Tac	10496	Air Med Disp	17248
WC Fire Op 1	5632	Layton PD 2	10528	Life Flt Ops	17280
WC Fire Op 2	5664	SWeber Fire1	11072	Air Comm 1	17312
WC Fire Comm	5696	SWeber Fire2	11104	DNR Fire	17344
Wsu Aux	5984	Sunset PD c2c	11136	Dept Pub Safety	17536
Weber North	6016	Syracuse PD1 c2c	11232	DC Co Wide	17600
Weber South	6048	Syrasuse PD2 c2c	11264	WC Co Wide	17728
WC Sheriff	6080	DC Ch 6 c2c	11776	DNR Park	17792
WC PS Comm	6112	DC Sheriff 2	11904	DNR ST Fire So	17984
WSU Police	6144	WC Swat Frc	11936	DNR ST Fire No	18016
OGD Dispatch	6400	Uhp Special Ops	11968	Antelope Prk	18080
OGD PD Ch 5	6432	DC Sheriff	12000	Utah Emer Mgnt	18112
WC OPS Ch 1	7680	WC Strike Fo	12032	Utah Maint	18176
WC OPS Ch 2	7712	WC North c2c	12064	Events 1 WC	18432
WC OPS Ch 3	7744	WC South c2c	12096	Events 2 DC	18464
WC OPS Ch 4	7776	WC c2c Ch 5	12288	Events 3 SLC	18496
WC OPS Ch 5	7808	OPD Training	12320	Uhp SL Co	19712
WC OPS Ch 6	7840	WC Fire	12544	Uhp UC	19744
WC OPS Ch 7	7872	Weber SAR	13120	Uhp SLC Service	19776
WC OPS Ch 8	7904	Roy PD	13152	UDOT Clinton	19840
WC OPS Ch 9	7936	Riverdale c2c	13344	UDOT WC	19872
WC OPS Ch 10	7968	Riverdale 2	13408	Gold Cross 1	22368
WC Jail	8224	South Ogden c2c	13920	UTA Police	23008
ClearFld PD	8992	North Ogden	14304	Gold Cross 2	25056
Clearfield Spec	9152	WC Jail 1	15040	LifeFlight Adm	27584
Clinton PD c2c	9216	WC Jail 2	15072	LifeFlight Provo	27616
DC Emer Mgnt	9280	WC Jail 3	15104	UCAN Digital	64000
DC PD c2c	9376	WC Jail 4	15296		
DC Disp 1	9408	Morgan Co c2c	15520		

HAM BANDS (vhf & uhf)

HAM BANDS		
NCF 6m	52.525000	FM
NCF 1.25m	223.500000	FM
NCF 33cm	925.000000	FM
NCF 23cm	1294.500000	FM
Simplex	145.550000	FM
Simplex	145.570000	FM
Simplex	145.590000	FM
Simplex	145.650000	FM
PRIORTY 2	145.670000	FM
Simplex	145.770000	FM
Simplex	146.440000	FM
Simplex	146.460000	FM
Simplex	146.480000	FM
Simplex	146.500000	FM
NCF 2m	146.520000	FM
Simplex	146.540000	FM
Simplex	146.560000	FM
Simplex	146.580000	FM
Simplex	147.400000	FM
Simplex	147.420000	FM
Simplex	147.440000	FM
Simplex	147.480000	FM
Simplex	147.500000	FM
Simplex	147.520000	FM
Simplex	147.540000	FM
Simplex	147.560000	FM
Simplex	147.580000	FM
Hunstville	145.210000	FM
Thiokol	145.290000	FM
LakeTown	145.310000	FM
Thiokol	145.430000	FM
Butterfld Pk	145.450000	FM
Powder Mtn	145.470000	FM
PromontoryPt	145.490000	FM
FarnsworthPk	146.620000	FM
Usu	146.640000	FM
Herd Mtn	146.680000	FM
Ensign Peak	146.700000	FM
Mt Logan	146.720000	FM
Univ of Ut	146.740000	FM
Lake Mtn	146.760000	FM
Mt Ogden	146.820000	FM
SLC/Jordan	146.840000	FM
Rushton	146.880000	FM
Little Mtn	146.900000	FM
PromontoryPt	146.920000	FM
FarnsworthPk	146.940000	FM
Tooele	146.980000	FM

Bear Lake	147.020000	FM
Antelope Isl	147.040000	FM
StCapt/Morgn	147.060000	FM
Point of Mtn	147.080000	FM
FarnsworthPk	147.120000	FM
Butterfld Pk	147.140000	FM
Ensign Peak	147.160000	FM
Snowbird	147.180000	FM
Wendover	147.200000	FM
PromontoryPt	147.260000	FM
Lake Mtn	147.280000	FM
Tooele	147.300000	FM
Lake Mtn	147.340000	FM
Lewis Pk	147.360000	FM
Irlp Rx	433.600000	FM
PRIORTY 70	433.668750	FM
NCF 70cm	446.000000	FM
Simplex	446.500000	FM
Simplex	447.800000	FM
Simplex	447.825000	FM
Simplex	447.850000	FM
Clearfield	447.150000	FM
Antelope Isl	447.200000	FM
Clearfield	447.350000	FM
Eden	447.600000	FM
Powder Mtn	447.775000	FM
Huntsville	448.025000	FM
Thiokol	448.300000	FM
Midvale	448.550000	FM
Little Mtn	448.575000	FM
Ogden	448.600000	FM
Point of Mtn	448.700000	FM
Clearfield	448.825000	FM
FarnsworthPk	449.100000	FM
Layton	449.250000	FM
Logan	449.325000	FM
Bountiful	449.350000	FM
Irlp Nelson	449.425000	FM
Irpl Lewis	449.550000	FM
Kaysville Pk	449.600000	FM
Mt Logan	449.625000	FM
PromontoryPt	449.775000	FM
Wellsville	449.800000	FM
Layton	449.875000	FM
Ensign Peak	449.900000	FM
North SL	449.925000	FM
Clearfield	449.950000	FM
END HAM		

RAIL ROAD - OGDEN

RAILROAD		
EOT - Uhf	457.937500	FM
ONE SIXTY		
Rail Road	160.200000	FM
Rail Road	160.215000	FM
Rail Road	160.230000	FM
RR Layton	160.290000	FM
Rail Road	160.350000	FM
Rail Road	160.380000	FM
Rail Road	160.410000	FM
RR Dispatch	160.455000	FM
Rail Road	160.470000	FM
Rail Road	160.485000	FM
Rail Road	160.560000	FM
RR Tele	160.605000	FM
Rail Road	160.710000	FM
Rail Road	160.740000	FM
Rail Road	160.800000	FM
Rail Road	160.950000	FM
RR Dispatch	160.965000	FM
ONE SIXTY ONE		
Rail Road	161.115000	FM
Rail Road	161.145000	FM
Rail Road	161.190000	FM
Rail Road	161.220000	FM
Rail Road	161.310000	FM
Rail Road	161.355000	FM
Rail Road	161.445000	FM
Rail Road	161.490000	FM
RR Dispatch	161.550000	FM
Rail Road	161.825000	FM
END RAILROAD		

UTA, SCHOOL BUS, NOAA WX

UTA/TRAX		
Flex Slc 1	453.625000	FM
Flex Slc 2	453.700000	FM
Bus Slc 1	453.750000	FM
Bus Slc 2	453.825000	FM
Bus Ogden	453.925000	FM
Trax 1	939.950000	FM
Trax 2	939.962500	FM
END UTA/TRAX		
SCHOOL BUS		
WC Scl Bus1	453.225000	FM
WC Scl Bus2a	453.300000	FM
WC Scl Bus3	453.425000	FM
BE District	453.650000	FM
Granger City	453.675000	FM
WC Scl Bus2b	458.300000	FM
END SCHOOL		
NOAA Weather		
NOAA 1 - local	162.550	FM
NOAA 2 - local	162.400	FM
NOAA 3	162.475	FM
NOAA 4	162.425	FM
NOAA 5	162.450	FM
NOAA 6	162.500	FM
NOAA 7	162.525	FM
NOAA 8	161.650	FM
NOAA 9	161.775	FM
NOAA END		

OGDEN & HAFB AIRPORT

OGD/HAFB		
AIR INFO		
BC NDB	.25000000	AM
Tooele NDB	.25000000	AM
HAFB ILS	109.900000	AM
Ogden ILS	111.700000	AM
Ogden VOR	115.700000	AM
SLC ILS	118.125000	AM
SLC ATIS	124.750000	AM
Ogden ATIS	125.550000	AM
SLC ATIS	127.625000	AM
HAFB ATIS	134.925000	AM
BC Info	135.075000	AM
OGD/HILL		
Nat Guard	118.450000	AM
Ogden Tower	118.700000	AM
AP #2 A/D	120.200000	AM
Emergency	121.500000	AM
Hill Gnd Ctl	121.600000	AM
Ogden GndCtl	121.700000	AM
Ballons	122.250000	AM
AP #2 Unicom	122.700000	AM
Air2Air Priv	122.725000	AM
Air2Air Nat	122.750000	AM
Muni Unicom	122.800000	AM
Mulitcom	122.850000	AM
SearchRescue	122.900000	AM
Forest Svc	122.925000	AM

Unicom	122.950000	AM
Ogd Unicom	123.000000	AM
Helicop A2A	123.025000	AM
Helicop UofU	123.050000	AM
CAP	123.100000	AM
Sail Planes	123.300000	AM
Plane2Plane	123.450000	AM
Sail Planes	123.500000	AM
FAA Advisory	123.600000	AM
Hill Clrance	124.100000	AM
AP #2 Helio	126.200000	AM
AP #2 C/D	127.000000	AM
Hill Tower	127.150000	AM
Forest Svc	127.425000	AM
Hill PTD	139.300000	FM
FEMA	142.425000	FM
FEMA	142.975000	FM
CAP	148.150000	FM
CAP	149.925000	FM
Medical Act	155.340000	FM
SearchRescue	156.300000	FM
Air Force 1	162.687500	FM
Emergency	243.000000	AM
Emergency	282.500000	AM
Emergency	406.025000	AM
OlympicTorch	464.575000	FM
RF ID Tags	900.000000	FM
END OGD/HAFB		

SALT LAKE CITY AIRPORT

SL AIRPORT		
SL Ctr ???	118.000000	AM
SL Ctr ???	118.050000	AM
SL Twr 35/17	118.300000	AM
SL Twr 34/16	119.050000	AM
SL Clr/Del	119.200000	AM
Artcc FranPk	119.950000	AM
App/Dep S<8k	120.900000	AM
App/Dep N<8k	121.100000	AM
SL Ctr	121.150000	AM
SL Gnd Ctl E	121.650000	AM
SL Gnd Ctl W	121.900000	AM
FSS Advisory	121.975000	AM
FranPk Comm	122.000000	AM
Wendov RCO	122.100000	AM
Flight Svc	122.200000	AM
Flight Svc	122.400000	AM
Delle RCO	122.500000	AM
FranPk Comm	123.800000	AM
Ap/Dp LR<8k	124.300000	AM
SL Ctr ???	124.350000	AM
SL Ctr ???	124.600000	AM
Ap/Dp LR>8k	124.900000	AM
SL Ctr Comm	125.400000	AM
SL Final App	125.700000	AM
SL Ctr ???	126.000000	AM
SL Ctr ???	126.250000	AM
SL App/Dep	126.650000	AM
FranPk Comm	126.750000	AM
VFR Appro W	126.800000	AM
IFR Clr/Del	127.300000	AM
Artcc FranPk	127.700000	AM
SL Ctr Comm	127.925000	AM

SL Ap/Dp >8k	128.100000	AM
FranPk Comm	128.300000	AM
SL Ctr ???	128.350000	AM
Artcc Delle	128.550000	AM
Delta Freq	128.875000	AM
UPS Freq	129.425000	AM
United Ramp	129.500000	AM
FranPk Comm	129.950000	AM
SL ARINC	130.025000	AM
SL ARINC	130.400000	AM
SW Air Freq	130.600000	AM
Delta Freq	130.775000	AM
Delta Freq	131.225000	AM
Delta Freq	131.275000	AM
SL ARINC	131.550000	AM
SkyWest Air	131.750000	AM
Artcc Delle	132.025000	AM
Delle Comm	132.250000	AM
SL Center	132.550000	AM
SL Twr 16/34	132.650000	AM
Hi Alt EFAS	133.025000	AM
FranPk Comm	133.250000	AM
SL Int SW	133.450000	AM
SL GndCtl RL	133.650000	AM
SL Center	133.900000	AM
Delta Ramp	134.150000	AM
TCA Ap Con W	134.350000	AM
FranPk Comm	134.500000	AM
App/Dep N>8k	135.500000	AM
FranPk Comm	135.550000	AM
Artcc FranPk	135.775000	AM
SL Ctr ???	136.900000	AM
END SL AIR		

CORDLESS TELEPHONES

CORDLESS		
BASE 01	43.720000	FM
BASE 02	43.740000	FM
BASE 03	43.820000	FM
BASE 04	43.840000	FM
BASE 05	43.920000	FM
BASE 06	43.960000	FM
BASE 07	44.120000	FM
BASE 08	44.160000	FM
BASE 09	44.180000	FM
BASE 10	44.200000	FM
BASE 11	44.320000	FM
BASE 12	44.360000	FM
BASE 13	44.400000	FM
BASE 14	44.460000	FM
BASE 15	44.480000	FM
BASE 16	46.610000	FM
BASE 17	46.630000	FM
BASE 18	46.670000	FM
BASE 19	46.710000	FM
BASE 20	46.730000	FM
BASE 21	46.770000	FM
BASE 22	46.830000	FM
BASE 23	46.870000	FM
BASE 24	46.930000	FM
BASE 25	46.970000	FM

PORT 01	48.760000	FM
PORT 02	48.840000	FM
PORT 03	48.860000	FM
PORT 04	48.920000	FM
PORT 05	49.000000	FM
PORT 06	49.080000	FM
PORT 07	49.100000	FM
PORT 08	49.160000	FM
PORT 09	49.200000	FM
PORT 10	49.240000	FM
PORT 11	49.280000	FM
PORT 12	49.360000	FM
PORT 13	49.400000	FM
PORT 14	49.460000	FM
PORT 15	49.500000	FM
PORT 16	49.670000	FM
PORT 19	49.770000	FM
PORT 21	49.830000	FM
PORT 17 BM	49.845000	FM
PORT 18	49.860000	FM
PORT 20 BM	49.875000	FM
PORT 22	49.890000	FM
PORT 23	49.930000	FM
PORT 25	49.970000	FM
PORT 24	49.990000	FM
END CORDLESS		

BASE = Base Station

PORT = Portable Handset

BM = Baby Monitors

UHP & EMS (150 Mhz band)

UHP/EMS		
Murs 1	151.820000	FM
Murs 2	151.880000	FM
Murs 3 ??	151.940000	FM
Murs 4 W*M	154.570000	FM
Murs 5 W*M	154.600000	FM
WC c2c	153.815000	FM
DC Ems 1	153.875000	FM
WF Ems x1	153.890000	FM
UC Ems	153.950000	FM
CC Ems	154.010000	FM
WC Ems 1#	154.160000	FM
WF Ems x2	154.235000	FM
SL Uhp 1	154.250000	FM
WF Ems x3	154.295000	FM
?? Ems 154	154.355000	FM
WF Ems x4	154.385000	FM
WC? Ems 2	154.400000	FM
DC Ems 2	154.445000	FM
?? ?? 154a	154.680000	FM
Campus Adm	154.725000	FM
?? ?? 154b	154.740000	FM
BE Uhp ?	154.800000	FM
SL1 Uhp Disp	154.860000	FM
SL2 Uhp x1	154.905000	FM
SL Ems 1	154.920000	FM

DC Ems 3	155.010000	FM
?? Ems 155	155.085000	FM
Uhp c2c ch 2	155.190000	FM
?? ?? 155	155.265000	FM
BE Ems	155.430000	FM
?? c2c	155.490000	FM
SL2 Uhp x2	155.520000	FM
WC Juvn Jail	155.565000	FM
BE Uhp Disp	155.595000	FM
Sum Uhp Disp	155.610000	FM
SL3 Uhp Disp	155.625000	FM
SL Uhp 2	155.640000	FM
CC Uhp Svc	155.655000	FM
?? Uhp 155	155.685000	FM
CC Uhp Disp	155.700000	FM
WC Uhp Disp#	155.790000	FM
WF Ems x5	155.955000	FM
Wsu Buses	156.090000	FM
DC? Uhp Svc	158.910000	FM
?? ?? 159	159.150000	FM
DC? Ems 4	453.200000	FM
?? Sheriff	460.475000	FM
?? Ems 460	460.550000	FM
WF Ems x6	460.625000	FM
END UHP/EMS		

Over time, many of the 150 Mhz band public services are migrating to the 800 Mhz band public service frequencies. In some cases, as they convert, they are using both bands simultaneously.

Agency Call Signs/Numbers

Note: **Call Signs** indicate Agency, City or County, used by UCAN dispatchers or remote unit to identify themselves to the dispatcher. For example: **1F33** = WC Sheriff deputy #33, **2F25** = Ogden City officer #25 or **2F-T9** = Ogden City Traffic unit #9. Utah Highway Patrol (UHP) troopers are indicated by a state wide 1-3 digit number (without any alpha prefix) such as **123** = UHP Trooper #123.

State Agencies

1A Div of Wildlife Resources
2A Parks & Recreation
5A Utah Div. Investigation
6A Utah State Prison
9A Dept of Trans (DOT)
10A Bureau of Criminal Invest

20A Weber State College
25A Motor Vehicle Administration
33A Crime Lab
35A Driver's License Div.
38A Corrections (Probation/Parole)
45A Admin, Utah Dept Public Safety

Federal Agencies

1B FBI
2B Secret Service
4B ATF
5B INS
10B Hill AFB
14B U.S. Forest Service

16B GSA
17B U.S. Marshall
19B National Weather Service
26B IRS
27B DEA
28B U.S. Customs

Box Elder County (Charlie)

Cache County (Delta)

Morgan County (Echo)

Weber County (Fox)

= UHP

1-F Weber County
2-F Ogden City >>> (see suffix)
3-F Roy
4-F South Ogden
5-F Washington Terrace
6-F North Ogden
7-F Riverdale
9-F Pleasant View
10-F Plain City
13-F Harrisville
14-F Huntsville
15-F Uintah

Ogden City ID (call sign suffix)

A = Admin
B =
C = Animal Control
D = Detective
F =
G = Gang
K = K9's
L =
N = Narc's
R = Resource/School
S =
T = Traffic
V =
W =
Y = Youth/Juvenile

Davis County (Golf)

= UHP

1-G Davis County
2-G Bountiful
3-G Layton
4-G Clearfield
5-G Sunset
6-G Kaysville
7-G Centerville

8-G Woods Cross
9-G Farmington
10-G North Salt Lake
13-G Syracuse
14-G West Point
15-G West Bountiful
16-G East Layton
17-G Clinton

10-Codes & Code Numbers

Note: Red = most often used

10-0 Caution
10-1 Signal Weak
10-2 Signal Good
10-3 Stop Transmitting
10-4 **Affirmative (OK)**
10-5 Relay (To)
10-6 Busy Unless Urgent
10-7 Out Of Service
10-8 In Service
10-9 **Say Again**
10-10 Negative
10-11 _____ On Duty
10-12 Stand By
10-13 Existing Conditions
10-14 **Information**
10-15 Message Delivered
10-16 Reply To Message
10-17 Enroute
10-18 Urgent
10-19 In Contact
10-20 **Location**
10-21 **Call _____ By Phone**
10-22 Disregard
10-23 Arrived At Scene
10-24 Assignment Completed
10-25 Report To _____ (meet)
10-26 Estimated Time Of Arrival
10-27 **License/Permit Info**
10-28 **Ownership Information**
10-29 **Records Check**
10-30 Danger/Caution
10-31 Pick Up
10-32 _____ Units Needed
10-33 Help Me Quick
10-34 Time
10-35 **...Drugs...**
10-36 Security Check
10-38 Computer Down
10-39 Urgent Use Light & Siren
10-40 Silent Run, No Lights
10-41 Beginning Tour Of Duty
10-42 Ending Tour Of Duty
10-43 Shuttle
10-44 Permission To Leave
10-45 Animal Carcass At _____
10-46 **Assist Motorist**
10-47 **Investigate Suspicious Veh**
10-48 Disturbing The Peace
10-49 Traffic Light Out At _____
10-50 **Accident (F, PI, PD)**

10-51 **Wrecker Needed**
10-52 **Ambulance Needed**
10-53 Traffic Control
10-54 Change To Channel _____
10-55 **Intoxicated Driver**
10-56 **Intoxicated Pedestrian**
10-57 **Hit & Run (F,PI,PD)**
10-58 Airplane Crash
10-59 **Reckless Driver**
10-60 **Out Of Car On Violator At ____**
10-61 Motor Inspection
10-62 Request Permission Car To Car
10-63 Prepare To Make Written Copy
10-64 Vandalism
10-65 Juvenile Problem
10-66 **Major Crime Alert**
10-67 Net Message
10-68 Runaway Juvenile
10-69 **Missing Person**
10-70 **Fire Alarm**
10-71 Nature Of Fire
10-72 Progress Report On Fire
10-73 Rape
10-74 **Civil Disturbance**
10-75 **Domestic Problem**
10-76 **Meet Complaint**
10-77 Return To _____
10-78 Back Up _____
10-79 Notify Coroner
10-80 **Chase In Progress**
10-81 Breathalyzer Report
10-82 **Prisoner In Custody**
10-83 Confidential Information
10-84 Visitors Present
10-85 **Victims Condition Code**
A=FAIR, B=POOR, C=SERIOUS,
D=CRITICAL, E=FATALITY
10-86 **Crime In Progress**
10-87 Abandoned Car
10-88 **Man With Gun**
10-89 Bomb Threat
10-90 Bank Alarm At _____
10-91 **Burglary**
10-92 **Theft**
10-93 Unnecessary Use Of Radio
10-94 Contact Your Home
10-95 Out At Home
10-96 **Mental Subject**
10-97 Test Signal
10-98 Prison Break
10-99 **Wanted/Stolen Indicated**

CODE 1 EXPEDITE NO LIGHTS/SIREN
CODE 3 LIGHTS & SIREN
CODE 4 SITUATION UNDER CONTROL
CODE 5 SURVEILLANCE
CODE 6 FOLLOW UP INVESTIGATION
CODE 7 LUNCH

CODE 9 MENTAL SUBJECT
CODE 10 PEPPER SPRAY HAS/WILL BE USED
CODE 20 NOTIFY NEWS MEDIA
CODE 28 PAROLE CHECK
CODE 939 NARCOTICS INVOLVED

Phonetic Alphabet

Note: A phonetic alphabet is used by public service during communication of alpha characters such as license plates and names to clarify letters and spellings.

- A - alpha
- B - bravo
- C - charlie
- D - delta
- E - echo
- F - foxtrot
- G - golf
- H - hotel
- I - india
- J - juliet
- K - kilo
- L - lima
- M - mike
- N - november
- O - oscar
- P - papa
- Q - quebec
- R - romeo
- S - sierra
- T - tango
- U - uniform
- V - victor
- W - whisky
- X - x-ray
- Y - yankee
- Z - zulu

ANNOUNCEMENTS

Next Club Meeting:

3rd Saturday December 20, 2008

- The Ogden Amateur Radio Club meetings are usually held on the 3rd **Saturday** of each month.
- **Time: 6:00 PM**
- **Location: Old China Buffet**
- **Topic: OARC Family Dinner Party**
- **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 Wed Feb 04, 2009

- 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: \$ 15.00

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	STONE	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	STONE	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 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	3.570 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	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
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

73 es cul de W7SU

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