



WATTS NEWS



The Best of Amateur Radio

OARC e-Magazine

www.OgdenArc.org

AUGUST 2019

Next Club Meeting/Activity

Steak Fry - Elections - Renewals - Auction



Dave Mamanakis KD7GR

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Vice President



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Program Director



Bob Smith KG7EIZ

Activity Director



Val Campbell K7HCP

Webmaster/NL Editor

PREVIOUS CLUB MEETING/ACTIVITY

July Activity

OARC "T"-Hunt

Sat 20 July 2019

8:00 AM

145.41 MHz

NEXT CLUB MEETING/ACTIVITY

August Activity

Steak Fry - Elections - Renewals - Auction

3rd Saturday 17 August 2019

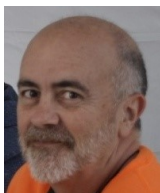
5:00 PM

Marriott Park

PREVIOUS MEETINGS PICS



Photos by Rick Hansen N7EGA



Photos by Tim Samuelson KE7DOA

I received this comment regarding the July "T"-Hunt:

It was a grand time for the 'hunters!' Dave and Bob put the bunny/fox on top of the trailer so well concealed in plain sight that people walked by it and couldn't see it as it looked like it was built onto the top of the Boy Scout trailer!

How great and wonderful both Dave and Bob's efforts to make the club event a success!

They really went all out to ensure both the success of the hunt and the success of the super breakfast!

73's





2019 "T"-Hunt Winner— James Berghout KJ7HFA





More 2019 "T"-Hunt pictures on the club web site.

Dave's Rag Chew



Dave Mamanakis KD7GR

Hello, my Ham Radio Friends!

I Love the Ham Radio Community and Hobby! I've had so much fun the past few years working with OARC and DCARC, with ARES groups, helping with Ham Fests, Parades, and a variety of other activities! It has been a blast!

As you know, the Rocky Mountain Division Conference is up this month right here in OGDEN up as Weber State University!

How cool is that?! We don't have to go more than a few miles to participate!

These Ham Fests/Conferences are a GREAT opportunity to learn more about our hobby! They have classes and presentations and all kinds of information and things to do (like Wouff Hong... what the heck is Wouff Hong? I guess I'll have to find out!)

So, if you have something you want to learn about, if you have questions, THIS would be a great opportunity to learn more!

I'm registered for everything but DX University (I'm not sure what it is ... do I need it?)

Are you registered? Go to ... rmdc2019.org

We also have the Steak Fry coming up later this month! DON'T FORGET TO COME!

We are having a silent auction for the ICOM IC-718... we are holding our Club Board Elections... and most importantly, we are having Steak and Pot-Luck dinner!

Make sure your dues are paid up and your steak is free!

In other news, there were some concerns about what happened in Europe about a month ago, here is my take on it:

What I heard is, the European Conference of Postal & Telecommunications Administrations (CEPT) has decided to co-opt the 2 meter band away from Ham Radio Operators as Primary users and give it to the Aeronautical Mobile Service as Primary Users.

This is still just a proposal, Document PTA(19)090. But it has been proposed and may be presented to the World Radio Conference and the International Telecommunication Union (ITU). It could be adopted for ITU Region 1, or it could affect everyone, depending on if it is adopted or not and HOW it is adopted, and WHO adopts it.

Right now, the ARRL is very aware of this, and they are doing what they do for the Amateur Radio Community, protecting our bandwidth.

So, don't get all worked up about it. Not yet, at least, but it is something to keep your eyes on. If you want to do something, email your elected representatives in Congress and the FCC, and advise them of what is happening in Europe, and ask them to protect Ham Radio Operators and their spectrum here in the USA. Don't forget to be nice and respectful!

Ok, that's all I have for this month!

I'm looking forward to seeing you all in the coming weeks at the events!

--Dave



OARC COMING EVENTS



Next Activity

Steak Fry - Elections -

Renewals - Auction

3rd Saturday 17 August 2019

5:00 PM

Marriott Park

Next VE Test Session

1st Wednesday 02 October 2019 @ 6:00 PM

[At the Sheriff's Office](#)

CLUB NEWS

Next Activity

Steak Fry - Renewals - Elections - Auction

Date: 3rd Saturday, 17 August 2019

Time: 5:00 PM

Location: Marriott Park (1065 S 1200 W) >>> [MAP](#)

Activity: OARC Annual Steak Fry Event



**... Please bring a side dish to share (food dish, salad, fruit, desert).
Also, bring your own dinner-ware (emergency paper-ware provided).**

- **Steak Fry (\$0/steak for all members); Free hot dogs for the kids of all ages**
- **Membership Renewal (\$15); Spouse Membership (\$10); Family of Hams Membership (\$25) Note: 1st year membership is free to newly licensed hams**
- **Bring items to donate for the Auction**
- **Club Officers Ballot Election; ([Nominations](#) welcomed in advance)**

GRAND DOOR PRIZE: \$300 value

[Grand Door Prizes for paid-up members only, sign-up/renew membership at meeting]

[\$15 single membership, \$25 whole family membership]

[1st year membership is free to newly licensed hams]

[You do not need to be licensed to become a member]

CLUB NEWS

OARC's Field Day station #2

ICOM IC-718 + IC-PS15 power supply.

ICOM IC-718 + IC-PS15 power supply

We plan to sell/auction this ICOM HF Transceiver, with power supply, at our 3rd Saturday August - SteakFry - Elections - Renewal - Auction meeting.

Come prepared to place your Blind Auction Bid (minimum bid = \$300).

OARC members only.

You must plan to use this rig for yourself and not purchase it for resale.



CLUB NEWS

HAM and EGGS Net

Tuesday Evenings at 7:00 PM Mountain Time

Mt Ogden 70 cm repeater 448.600 Mhz (- offset, 123.0 PL Tone)

New, Intermediate & Old Timers. Elmering, Education, General Ham Discussion and Rag Chew.

New hams encouraged to check in. Get connected, learn new things and ask questions.

Questions: Larry Griffin AD7GL, ad7gl@arrl.net

Stan Sjol W0KP, stansjol@xmission.com

CLUB NEWS

NEWS YOU CAN USE ...

As we approach our annual ...

Steak Fry - Renewals - Elections - Auction

... activity/event this August it pleases me to point out that our OARC club membership this year has grown to a new record membership level of 108 members.

Each August our membership numbers start anew at the Steak Fry Elections Renewal meeting and then gradually grow throughout the fiscal year as previous members renew and new members sign up.

Of course, each paid-up member will receive a FREE steak at this meeting/event which also enables your participation in the Grand Door Prize drawing.

Congratulations everyone. You helped make this happen.

CLUB NEWS

OARC Logo offerings

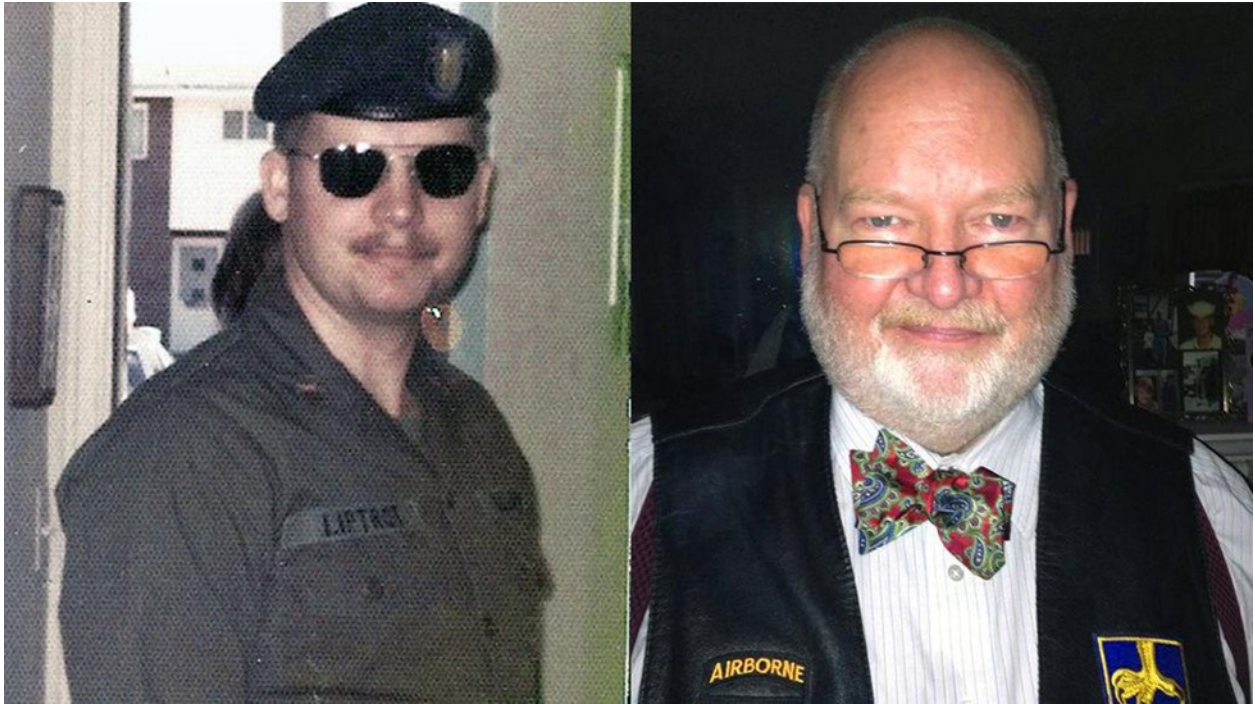
Here is the link to the logo for shirts and other items. He will update photos after the holiday.

The logo has minor changes and he is offering a single color logo (black) that will go on just about any color shirt.

<https://squareup.com/store/OARC>



CLUB NEWS



1951-2019

Gary Robinson Liptrot, age 67, passed away in Ogden surrounded by his loving family on July 1st, 2019.

Most men live two lives. A personal life and a professional life. In his case, this was simply not enough.

Gary lived many lives while here on Earth. He was born and raised in the heart of Ogden, to loving parents Aurdell and Oswald (preceded in death). He enjoyed school, was in the Civil Air Patrol, and loved getting into mischief with his younger brother Steve (also preceded in death). He met his eternal companion, Marilyn, while working as a river-raft guide on the Colorado River. As he tells it, he watched her take a swan dive off a 45-foot cliff and he fell head-over-heels in love. Together they had three amazing children, Charlene, Steven and Daniel.

Life for Gary didn't stop there. His adventurous spirit was nothing short of remarkable and lead him to the Army. He served his Country honorably for many years. He was a patriot in every sense of the word. After retiring from the Army as a Captain, Gary went back to college and obtained multiple Degrees including Mathematics, Computer Science and Psychology from the University of Utah, something that came in very handy when helping his grandchildren with their school work.

Beyond his belief in formal education, Gary continued learning his entire life. He was a man who loved a good hobby. His thirst for knowledge never wavered, something he has instilled in all of his children and grandchildren.

He was a HAM radio technician-fluent in Morse Code, a gold prospector, an artist, a coach, a referee, a fisherman, an expert woodworker, a cook, a dog whisperer, a policeman, a polyglot and a beekeeper-just to name a few.

One of his most beloved hobbies was Astronomy. He was a lover of the universe and all that it had to offer. It was not uncommon to see him with his telescope on the front lawn searching for something he hadn't seen before. He lectured at local schools, teaching students how to use a telescope and map the stars. He was quoted saying, "You can look up and know you always have a friend, and there is no need to be afraid." Gary was President of the Ogden Astronomical Society, and held the position for many years. He was a Rockstar in the local astronomical world, Ogden's own rocket man.

He was an upstanding member of The Church of Jesus Christ of Latter-day Saints. He served on many a bishopric, stake council, and was a scout leader for 25 years. He enjoyed serving others, and made it his mission to make sure no one was a stranger to him.

Although he had many hobbies and friends, his most significant life experience was the happiness he found while in the presence of his wife, children and grandchildren. His greatest adventure was being a family man. Whether it was watching his children play their favorite sports, attending his grandchildren's activities, or watching the grand-dogs, Gary loved being called Dad and Grandpa the most.

He did all these things with a big smile and perhaps a few too many jokes, but always with his whole heart. If Gary embodied one thing, it would be love. Throughout any of his many hobbies or interactions with his family or friends, he was always genuine, earnest, and filled to the brim with love.

Gary is survived by his loving wife, Marilyn; his three devoted children, Charlene (Mark), Steven (Darcie), Daniel (Teri) and grandchildren: James, Caleb, Micah, Rebecca, Kru and Kloe, along with his many other family members and dear friends.

His time with us here on Earth has ended much too soon, but we know that he will thrive in his new calling. We will miss you wildly, and we love you to Orion's Belt and Back.

Funeral services for Gary Robinson Liptrot, will be held Saturday, July 13, 2019, at the LDS Church located at 236 Porter Ave., Ogden, UT 84404.

Open House will begin at 1100 (11 A.M.) with funeral services to follow at 1200 (Noon). He will have a Patriot Guard escort to the East end of Ogden City Cemetery where graveside services and military honors will commence at 1500 (3 P.M). He always used military time).

CLUB NEWS

Ham Shack Photos

What better way to start our “Ham Shack Photos” series than with this photo of a Ham Shack from the past that has had a very significant influence on our specific club.

[OARC History - 98 years old](#) (link) <<< read all about it

OARC—W7SU

Established: May 1921

ARRL affiliated: 30 January 1937

OARC as one the oldest organized amateur radio clubs in Utah, perhaps even in the nation .

Dr. W. Glen Garner—W7SU



CLUB NEWS

WANTED

Ham Shack Photos

We want you to submit pictures of your ham shack to us for future publication in the club newsletter. Submit home ham shack, mobile ham shack, handheld ham shack. Antennas too.

I will keep the submissions anonymous if you prefer.

My thinking is that I would publish one-set of ham shack pictures each month with the idea that all viewers could privately try to guess whose ham shack was featured that month.

I think it will be interesting to see the wide variety of equipment that each of us has chosen to populate our hobby work space with. This could be invaluable to each of us as we make future decisions about equipment upgrades.

Thank you in advance. 73, Val K7HCP

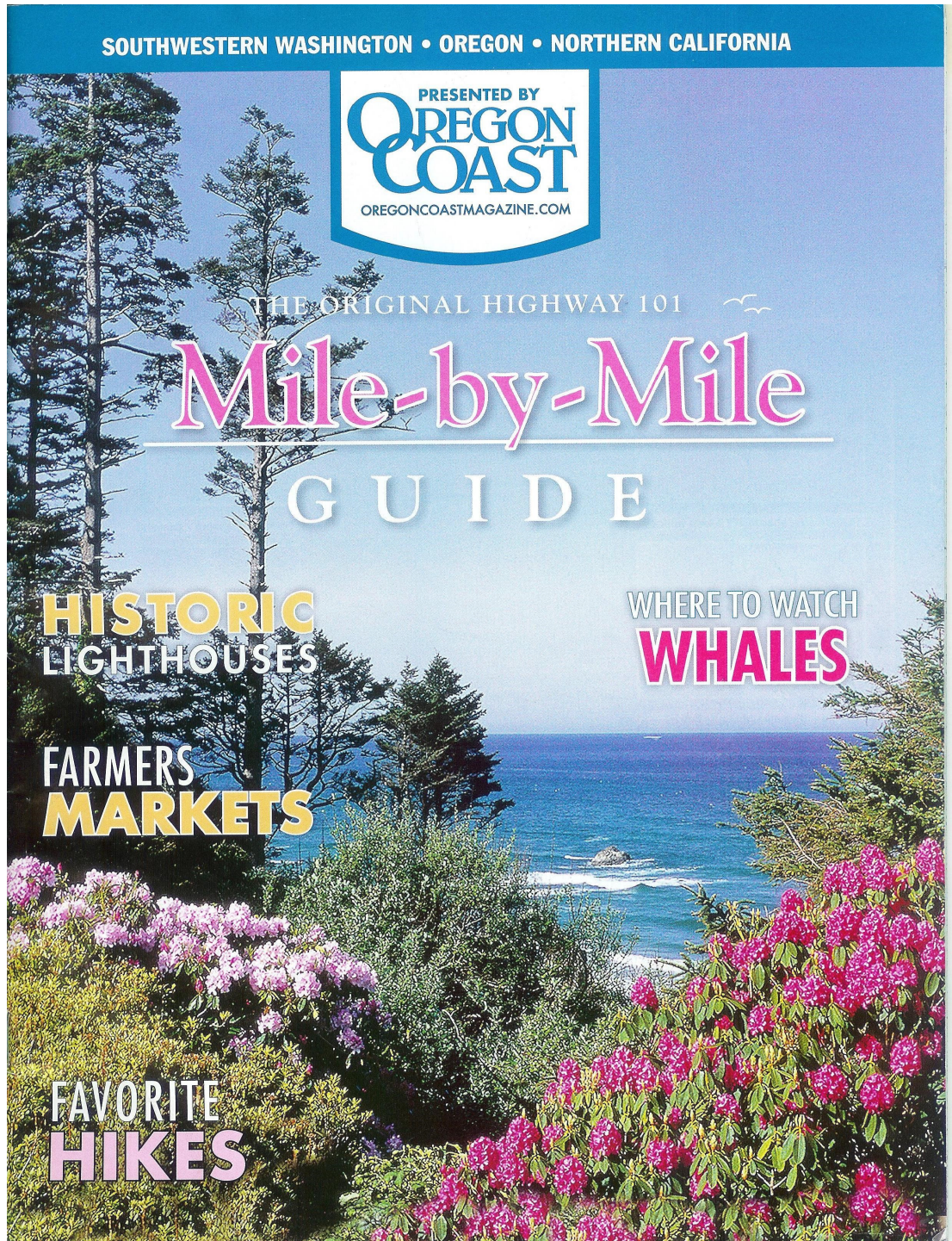
Submit to ... k7hcp@arrl.net

So How About it?

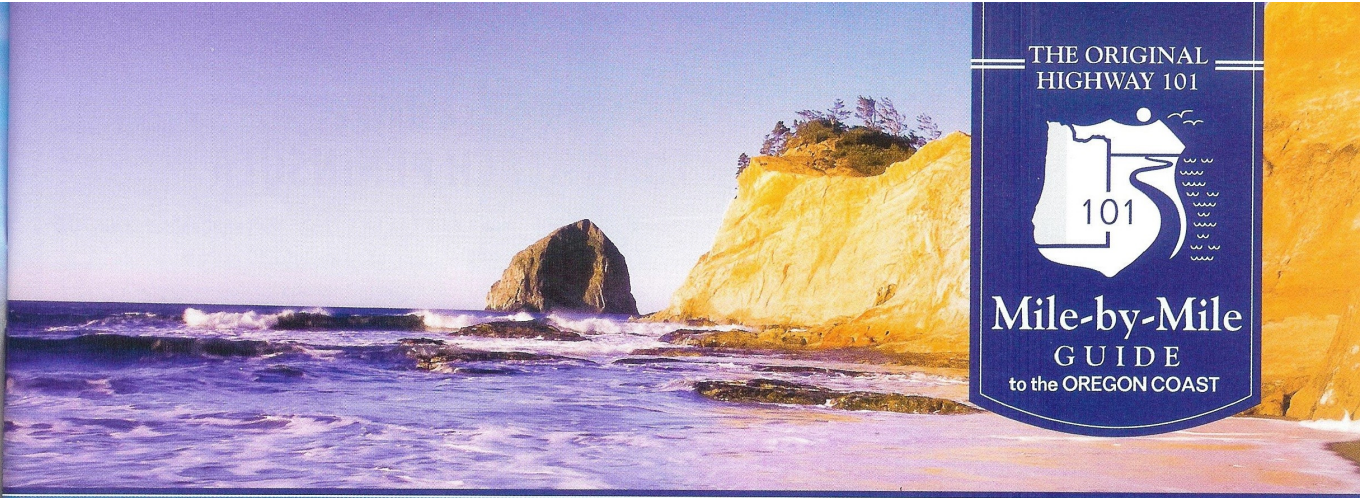
Send me your Ham Shack Photos soon.

HOBBY NEWS

While traveling the coast of Oregon: beaches, light houses, overlooks, etc., I came cross a “Mile-by-Mile: Highway 101” travel guide magazine. I was very surprised to find inside a chart of “The Top 15 Ham Radio Repeater Frequencies for the Oregon Coast” listed. I am impressed that the Amateur Radio Clubs of Oregon have the insight to get something like this published for all to see and benefit.



More ...



THE ORIGINAL
HIGHWAY 101

Mile-by-Mile
GUIDE
to the OREGON COAST

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10 NORTH COAST

Astoria * Warrenton/Hammond * Gearhart
Seaside * Cannon Beach



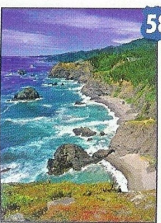
19 TILLAMOOK COAST

Manzanita * Nehalem * Wheeler * Rockaway Beach
Garibaldi * Bay City * Tillamook * Cloverdale
Oceanside * Netarts * Pacific City * Neskowin



34 CENTRAL COAST

Lincoln City * Depoe Bay * Otter Rock
Newport * Seal Rock * Waldport * Yachats
Florence



58 SOUTH COAST

Gardiner * Reedsport * Winchester Bay
Lakeside * North Bend * Charleston * Coos Bay
Coquille * Bandon * Langlois * Port Orford * Ophir
Gold Beach * Brookings-Harbor

COVER PHOTO: Rhododendrons in bloom at Cannon Beach. —Roger Pace

ABOVE: Sunrise at Cape Kiwanda in Pacific City. —Craig Tuttle

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LONG BEACH
PENINSULA, WASHINGTON
Chinook * Ilwaco * Long
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TOP
15

Ham Radio
Repeater Frequencies
for the Oregon Coast

CITY	FREQUENCY	PL TONE
Astoria	146.76 -	118.8
Seaside	145.490 -	118.8
Tillamook	147.220 +	100.0
Lincoln City	147.040 + 443.750 +	100.0 118.8
Newport	147.300 + 444.750 +	127.3 118.8
Waldport	147.000 +	136.5
Florence	146.800 -	100.0
Reedsport	146.800 -	100.0
Coos Bay	147.100 + 440.800 +	146.2 103.5
Port Orford	147.200 +	118.8
Gold Beach	146.470 -	88.5
Brookings	146.960 -	88.5

69.0 - Hidden Acres Garden Center

In only a few years, Hidden Acres has blossomed from a simple greenhouse to a garden center complex. Besides plants for sale, it has a garden-oriented gift shop and a café serving lunch daily. Groups welcome. Just past the South Prairie Store.

69.6 - Tillamook River Rest Area

72.9 - Munson Creek Falls

Munson Creek Falls is the highest on the coast at 319 feet. The parking lot is small with no turnaround for RVs. From the parking lot, an easy quarter-mile trail leads to the base of the falls and a picnic table. During fall and early winter, watch for spawning salmon in the creek.

77.4 - Bear Creek Artichokes

Bear Creek Artichokes began in 1977 as a 20-acre artichoke farm that evolved into a popular farm market that focuses on local and Northwest produce, baked goods and gift items. Take a stroll through the beautiful perennial display gardens and enjoy a wide selection of jams, jellies, fruit butters, and syrups produced in small batches in the farm kitchen.

80.4 - BEAVER (ZIP 97108)

Beaver is at the western end of the Nestucca River National Back Country

Byway and the gateway to recreation on the upper Nestucca. Along the byway, the BLM maintains four recreation areas with very small campgrounds.

84.8 - HEBO RANGER DISTRICT (ZIP 97122)

Just east of Hebo on Hwy 22, this is the place to obtain U.S. Forest Service recreation permits and passes.

87.4 - CLOVERDALE (ZIP 97112)

Cloverdale sits in the heart of the south Tillamook County dairy country.

90.4 - Three Capes Route - Southern End

91.8 - Little Nestucca River

Considered one of the best fishing streams in the state, there's a boat ramp near the Hwy 101 bridge.

92.1 - Nestucca Bay National Wildlife Refuge

The refuge, overlooking Nestucca Bay and the Little Nestucca River, was established in 1991 and expanded with the purchase of a 100-acre parcel on Cannery Hill that was a Jesuit retreat for many decades. Parking is available and trails provide wildlife viewing opportunities.

94.3 - Oretown Viewpoint

An easy pullout with a great view of the beach toward Neskowin.

97.7 - NESKOWIN (ZIP 97149)

A mostly residential community near the mouth of Neskowin Creek. The arts are represented by an art gallery, the Neskowin Chamber Music Series, and the nearby Sitka Center for the Arts and Ecology at Cascade Head. Neskowin Beach State Wayside faces well-known Proposal Rock. The Neskowin Marsh Unit of the Nestucca Bay NWR provides significant habitat for a wide variety of species.

99.0 - Scenic Route

Old Hwy 101 passes through the Cascade Head Experimental Forest before rejoining the main road at Otis. As a route to Lincoln City, it is five miles longer and considerably slower than Hwy 101.

101.3 - Cascade Head Road (FS Road 1861)

Road closed due to habitat protection January 1 through July 15.

103.0 - Tillamook/Lincoln County Line

HIGHWAY 6

Also known as the Wilson River Highway, Highway 6 connects downtown Tillamook to the Sunset Highway near Forest Grove. Highway 6, starting at Banks, is the eastern portion of the Trees to Sea Scenic Byway.

1.5 Tillamook Bay Community College

TBCC provides the training for many of the workers who serve visitors to the Tillamook Coast.

2.0 Tillamook County Fairgrounds

The Tillamook County Fair, established in 1891 and held every August, features the famous Pig-n-Ford races and free grandstand entertainment with paid admission to the fair. The fair was selected by *USA Today* as one of the top ten "Blue Ribbon" fairs in the United States. Events are held year-round at the area's largest meeting facilities. Check www.tillamook-fair.com for current activities.

3.0 Richard Obrist Farm Barn

The "Far West" quilt design on Obrist's barn has been featured in national books on quilts. It is part of the Tillamook Quilt Trail. The pattern can be seen from Highway 6, but to get a better, up-close look switch over to Third Street, which runs parallel a few blocks south.

28.7 Tillamook Forest Center

The Tillamook Forest Center is centrally located in the Tillamook State Forest, where it showcases the legacy of the historic Tillamook Burn and the monumental reforestation effort that followed. The center features a climbable 40-foot tall replica of a forest fire lookout tower and a dramatic 250-foot-long pedestrian suspension bridge across the Wilson River to the Wilson River Trail and nearby Jones Creek Campground. ■

TOP 15**Ham Radio
Repeater Frequencies
for the Oregon Coast**

CITY	FREQUENCY	PL TONE
Astoria	146.76 -	118.8
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Reedsport	146.800 -	100.0
Coos Bay	147.100 +	146.2
	440.800 +	103.5
Port Orford	147.200 +	118.8
Gold Beach	146.470 -	88.5
Brookings	146.960 -	88.5

HOBBY NEWS

Emergency Communications Ham Radio Technician License Course

It will be held in Layton City Office Building, 437 Wasatch Dr., Layton, Utah 84041.

There is no cost to take the course.

We will be using The Technician License Course book by Stu Turner. The books sell for \$21.95 plus shipping if you order them online. The Davis County Amateur Radio Club has some for \$20.00.

The course starts on 31 Jul 2019 every Wednesday evening from 6:00 – 8:30 PM thru 28 Aug 2019.

For more information contact Spencer Mark at ae7io@arrl.net.

HOBBY NEWS

Ham Radio General Class Course Announcement

The Davis County Amateur Radio Club is pleased to announce that they will be sponsoring a General Licensing Course.

It will be held in Layton City Office, 437 Wasatch Dr., Layton, Utah 84041.

There is no cost to take the course.

We will be using the General License Course book by Stu Turner W0STU. The books sell for \$21.95 plus shipping if you order them online.

The course starts on 25 Jul 2019 every Thursday from 6:00 – 8:30 PM thru 29 Aug 2019.

For more information contact Spencer Mark at ae7io@arrl.net.

HOBBY NEWS



ARRL 2019 Rocky Mountain Division Conference

8, 9, 10 August 2019

Shepard Union Building—WSU Campus

<https://rmdc2019.org/>

HOBBY NEWS

A banner for the Albuquerque Duke City Hamfest and Convention. The background is a scenic view of mountains and a valley. The text is centered and reads: "Albuquerque Duke City Hamfest and Convention" in a large, bold, black font. Below this, it says "Albuquerque, New Mexico Sept. 20-22, 2019" in a smaller black font. At the bottom, it says "ARRL New Mexico State Convention" in a bold black font. On the left side, there is a logo consisting of a red sunburst with a black antenna symbol in the center, and the letters "D", "C", "H", and "F" arranged around it. On the right side, there is a yellow diamond-shaped logo with a black border, containing the letters "A", "R", "R", "L" and a lightning bolt symbol.

**Albuquerque Duke City Hamfest
and Convention**

Albuquerque, New Mexico Sept. 20-22, 2019

ARRL New Mexico State Convention

<https://www.dukecityhamfest.org>

HOBBY NEWS

Division: [Rocky Mountain](#)

QST

The ARRL Rocky Mountain Division Convention comes to Ogden Utah August 8th, 9th, and 10th

2019. Registration is now open at the website www.rmhc2019.org. More than 1200 are expected to attend this year's convention. All who register on or before May 15th will be entered into a drawing for a Yaesu FT D70R dual band handheld.

Bob Heil K9EID, CEO and founder of Heil Sound and host of the Ham Nation podcast, will be the keynote speaker on Saturday August 10th. Howard E. Michel (*pronounced Mickel*) the CEO of the ARRL will be the Friday keynote speaker.

A highlight of the convention is DX University, an all-day workshop taught by some of the best DX operators in the Rocky Mountain West. DX University will be held on Thursday August 8th and requires a separate registration.

The convention will feature vendors, forums, a swap meet, test session, a special event station, the infamous Wouff Hong, and much more. You can register and learn more by visiting www.rmhc2019.org. You can also find us on Facebook by searching for the "2019 ARRL Rocky Mountain Division Convention.

If you are aware of other events that may be of interest to our hams in Utah Please let me know. Many clubs have new leaders this year and they will need your help to ensure the club and scheduled events are planned and organized, please volunteer to help out!

73 Mel Parkes, NM7P ARRL Utah Section Manager



Petition for Rulemaking Asks FCC to Create a New 8-Meter Amateur Band

06/27/2019

The FCC has put on public notice for comment a *Petition for Rulemaking* ([RM-11843](#)) that seeks the creation of a new 8-meter Amateur Radio allocation on a secondary basis. The Petition suggests the new band could be centered on an industrial-scientific-medical (ISM) segment somewhere between 40.51 and 40.70 MHz. The spectrum between 40 and 41 MHz is currently allocated to the Federal Government and, as such, within the purview of the National Telecommunications and Information Administration ([NTIA](#)). ARRL member Michelle Bradley, KU3N, of Maryland, filed the petition in May on behalf of REC Networks, which she founded and described in the *Petition* as “a leading advocate for a citizen’s access to spectrum,” including Amateur Radio spectrum.

“REC feels that the time is right for the Commission to open a *Notice of Inquiry* and eventually a *Notice of Proposed Rulemaking*, and in cooperation with the NTIA, this new band opportunity can be realized to spark the next generation of ‘makers’ in the fields of science, technology, education, and math (STEM), especially women and girls,” Bradley told the FCC in the *Petition*. “The more opportunities we give to make things, the more opportunities we have to build a pool of experts in STEM, right here at home.”

The *Petition* said the objective of a new band would be “an effort to foster experimentation into the propagation characteristics of this band midway between the 10- and 6-meter bands.” An allocation in the 8-meter band is available to radio amateurs in Ireland, where the Irish Radio Transmitters Society has developed a band plan for 40 – 41 MHz.

“REC perceives this spectrum can be used for weak signal experimentation and eventually general amateur use, especially along transatlantic paths using CW, SSB, digital modes such as FT8 and digital voice,” the *Petition* said. “As no radios are mass-produced for this band at this time, this opens up new opportunities for ‘makers’ to construct transmitters, receivers, and antenna systems that can be used in this spectrum.”

REC anticipates “very low” usage of the new band, “with peak usage around sporadic-E episodes, operating events such as ARRL Field Day, and VHF contests, as well as during the peak of sunspot cycles,” Bradley told the Commission. “[W]e feel that the sharing of 40 MHz can be accomplished in a manner that serves the needs of the Amateur Radio Service while meeting the organizational missions of Federal Government agencies that utilize this spectrum.”

Interested parties may file short comments on RM-11843 via the FCC’s [Electronic Comment Filing Service \(Express\)](#). Visit the FCC [“How to Comment on FCC Proceedings”](#) page for information on filing extended comments.



Radio Amateur to Lose License as Part of Enforcement Case Settlement

06/18/2019

A New Jersey radio amateur, David S. Larsen Sr., WS2L, of Highland Park, will surrender his Amateur Extra-class license and pay a \$7,500 civil penalty as part of a *Consent Decree* with the FCC to settle an enforcement action. An FCC Enforcement Bureau [Order](#) released June 18 said Larsen violated the Communications Act of 1934 and Part 90 rules by operating on frequencies licensed to the Borough of Highland Park for public safety communication.

As part of the settlement, Larsen agrees that he will admit making the unauthorized transmissions, not engage in unauthorized use of a radio station, and surrender radios in his possession capable of transmitting on the town's public safety frequencies. If the Commission finds that Larsen has made unauthorized radio transmissions or otherwise violates the terms of the *Consent Decree*, he'll be subject to an additional \$32,500 civil penalty. The agreement stipulates that Larsen may not apply for a new Amateur Radio license for 3 years.

The case stems from a May 2018 complaint of unauthorized transmissions on the Highland Park municipal radio system. FCC agents followed up with several visits to the town.

"Based on information provided by the complainant and direct observations by the Bureau's agents, the unauthorized transmissions consisted of brief, pre-recorded sounds (such as the sad trombone sound)," the FCC said in the *Consent Decree*. The FCC said individuals the agents interviewed identified Larsen — a former rescue squad volunteer — as the person who was likely responsible.

Responding to an FCC *Letter of Inquiry*, Larsen subsequently contacted the Enforcement Bureau and related that the unauthorized transmissions had ceased. Last fall, Larsen, responded to the inquiry through counsel to deny making the unauthorized transmissions. [A short time after that, the unauthorized transmissions resumed, and the FCC resumed its investigation, attempting to trace the source of the transmissions. Last March, agents used direction-finding equipment at a fixed location near the complainant's residence, while other agents conducted mobile direction finding of Larsen's vehicle in transit.](#)

"The four agents observed Mr. Larsen pull over to the side of the road on the way to his home," the *Consent Decree* recounts. "The four Bureau agents observed (a) that during the brief stop, Mr. Larsen remained in his vehicle, (b) while stopped, a brief transmission consisting of the sad trombone sound emanated from the direction of Mr. Larsen's vehicle on a frequency licensed for use by the Highland Park Radio System, and (c) following the transmission of the sad trombone sound, Mr. Larsen resumed his drive to his residence."

The FCC said agents returned in April to observe Larsen repeat the earlier behavior, including a similar transmission emanating from Mr. Larsen's vehicle, according to the *Decree*.

FEATURE ARTICLE

by Kent Gardner WA7AHY

Lessons Learned from our July 2019 T-Hunt

I was ready. I started the van to make sure I didn't have a dead battery. I then turned off the van, but left my 2-meter rig on. I had my topo maps of Ogden and North Ogden on the driveway oriented North and a yardstick to draw the first azimuth. My watch was hacked with WWV. I was using a police scanner tuned to 145.41 MHz. My mobile rig was in the van tuned to 146.90.

Eight o'clock came. I hadn't done the club t-hunt in several years and wasn't sure what it was supposed to sound like. Was it a modulated tone of some kind? If I turned my measuring tape hand beam vertical I got a reasonably strong tone towards Weber State. I then went to start the van and it wouldn't start. I had to use jumper cables and my RV battery to get it started. Then I headed in the direction of Weber State. The signal was strong where I pulled over just South of the Dee Events Center.

A sweep of the antenna showed the strongest signal, still in an Easterly direction. I picked out Bues Pond as my destination where they had a gazebo. The signal was now very very strong due West, but still had a lesser signal off the back end of the beam to the mountains. I knew the transmitter wouldn't be there. Another fellow ham also followed me into the parking lot. We oriented the map and it showed that the South Ogden City Park was a good choice to the West. I have forgotten his name already, but he was a Navy Veteran in Electronic Communications. He also had a hound dog with him in his nice pickup.

We met at the South Ogden Park, but found no one. The signal wasn't quite as strong, but it was still looking like it was West. I tried several other nearby parks, but to no avail.

So I began to go West to the 4400 South on Washington Blvd, but the signal almost disappeared. I was very much disheartened. It has been about an hour and a half or more without success so I packed it in and went home. When I heard on the radio that it was on Midland Dr. I knew my weakness in thinking.

1. The mountain signal bounces can play tricks on you.
2. Even though I had a good signal in that Westerly direction, me being down in a hole by Burch Creek and running out of signal, I should have realized that I could pick the signal up again, by continuing West to higher ground.
3. I could have had a better map. My topo map ran out in Riverdale so it didn't present itself that there could be something more West.

It was interesting to be asked by people coming up to us and asking what we were doing. A few days ago, a preacher of a local church came by and gave me an invite to their neighborhood block party. It turned out that they were at the South Ogden City Park and when the preacher asked us what we were doing he recognized me. What fun to be a brief attendee to the church party. My Navy ham friend drew a comment from the preacher thanking him for his service in the military. I volunteered that I was an Air Force veteran and the preacher said that he was too. We had a very nice conversation.

So even though I failed at finding the hidden transmitter, I was successful in making new friends along the way. TNX Kent, WA7AHY

GUEST ARTICLE

by Dan KB6NU

Can you copy at 20 words per minute by hand?

About a month ago, this email from the ARRL was sent to the CWOps mailing list:

From: Fusaro, Norm W3IZ [<mailto:w3iz@arrl.org>]

Sent: Monday, July 1, 2019 4:00 PM

Subject: W1AW Code Proficiency Certificate

Greetings Morse Code Enthusiasts.

I have some exciting news that I want to share with you! The ARRL has reinvigorated the W1AW Code Proficiency Certificate program. Several things have changed beginning with our new sponsor, Vibroplex, a legend in Morse telegraphy equipment. If you see Scott Robbins W4PA and the Vibroplex team at a hamfest or convention please be sure to thank him for his support. The Vibroplex logo will appear on the newly designed certificates (see below) and in the award recipient page that will appear every month in QST.

That's right, each month in QST we will publish the most recent recipients of the W1AW Code Proficiency Certificate, beginning with all the 2019 recipients. As a bonus, we are sending all the 2019 CPC holders a new certificate at no cost to replace their older style award.

The award is available to anyone who copies one solid minute of code during the qualifying runs. Complete program details can be found on the web at <http://www.arrl.org/code-proficiency-certificate>.

And to make the award available to more people we will double the number of opportunities to copy the CW text. Beginning September 2019, the qualifying runs will increase from twice per week to four times per week.

I am sharing this advanced notice with the Morse code clubs so that you can share it with your members. I have attached PDF files of the new certificate and the announcement that will appear in August QST, available in digital format July 8. I hope you are as excited about this as I am.

In closing, I want personally thank all of you who promote the use and proficiency of Morse code on the air waves and ask that you challenge your club members to submit their copy for the W1AW Code Proficiency Certificate.

73,

Norm Fusaro, W3IZ
Director of Operations

Almost immediately after I posted this to my blog (at KB6NU.Com), my friend, Paul, KW1L, replied, "How does one copy legibly at 40 wpm?" When I replied, "Typing," he countered, "On page 98 of the July 2019 QST, it says, 'Legibly copy at least 1 minute of text by HAND...'" To this, I replied, "Well, I guess you and I are both screwed then. I can't copy by hand at 20 wpm, and it's really not worth it to me to practice and get that fast. I'm guessing that I'm not alone in this regard. The upshot is that the ARRL is going to be sending out a lot fewer of these Vibroplex certificates than they think."

I then emailed W3IZ for a clarification. He shot back, "By hand is to mean not using a code reading machine." I suggested that he clarify this, both on the ARRL website and in QST. Of course, they haven't yet taken my suggestion, and the website still reads, "Copy one of W1AW's qualifying runs and submit one minute of solid copy (legible)."

=====

Dan Romanchik, KB6NU, is the author of the KB6NU amateur radio blog (KB6NU.Com), the "No Nonsense" amateur radio license study guides (KB6NU.Com/study-guides/), and is one of the presenters the ICQPodcast (ICQPodcast.Com). Feel free to reply to his CW CQs at any speed you so choose.

NOTE: You can find an image of the new certificate at <https://www.kb6nu.com/wp-content/uploads/2019/07/2019-Code-Proficiency-Certificate-Vibroplex-768x597.jpg>



Club Swapmeet



“SALE” or “WANTED” ITEMS NEEDED

OARC's **O-bay (On-Line Swap-Meet)** items needed for the web site...

Visit OgdenARC.org then click O-Bay Swap

FEATURED ITEMS

SWAP ITEM # 199

FOR SALE:

Vibroplex CW keyer (bug). Typically sells for \$150 used. I will sell for **\$65**.



CW keyer system. Logikey keyer and Bencher paddle. I will sell both for **\$50**.



PRICE: see each item above

CONTACT: Scott Willis KD7EKO, KD7EKO@yahoo.com, 801-510-7594

NOTICE

FREE on-line, local swap - help spread the word

<http://www.pocatelloarc.org/swap/>



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FEATURED ITEMS

SWAP ITEM # 197

FOR SALE:

Kenwood TS-2000 all mode, all band radio.

HF, 6 Meter, 2 meter, 70 cm

Still sells new today for about \$1,600.00

Will sell for \$600



PRICE: \$600

CONTACT: Scott Willis KD7EKO, KD7EKO@yahoo.com , 801-510-7594

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FEATURED ITEMS

SWAP ITEM # 196

FOR SALE:

Ameritron AL-1500 HF amplifier.

New this amp is \$4700. Will sell for \$2500.



PRICE: \$2500

CONTACT: Scott Willis KD7EKO, KD7EKO@yahoo.com , 801-510-7594

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FEATURED ITEMS

SWAP ITEM # 195

ESTATE SALE for K7MOC – Richard Bean

My Father, Richard Bean was Ham Operator K7MOC for nearly 60 years prior to his passing at age 96 in April. During that time, he amassed a large assortment of things:

WWII Navy & US Army radios, equipment, tubes, electronics, etc along with other miscellaneous electronics.

Items include Type CRV-50254 Speech Input Equipment \$200 obo

Radio Receiving Equipment Model RBG Receiver Type CHC-46140 \$245 obo

Radio Receiver & Transmitter BC-669-C \$150 obo

Coil Set Container Type CW-47029 (assorted Low/High range sets) \$45 each obo

Signal Corps Vibrator Power Unit PE-237 \$300 obo

Signal Corps Radio receiver BC-348-0 \$300 obo

Type CAT-50065 Modulator Unit \$100 obo

Model TBM-12 Radio Transmitting Equipment \$100 obo

JAN-CWL-861 VT-10 \$350 obo

JAN-CWL-860 VT-17 \$175 obo (3 available) Address of the sale is 120 West 400 South, Nephi, UT

The family is scheduled to hold an Estate Sale on Thursday July 25 through Saturday July 27 at his home in Nephi, UT.

The sale will be from 9 am-3 pm those 3 days.

Address of the sale is 120 West 400 South, Nephi, UT

Jim Bean - Co-Executor Richard McKee Bean Trust

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Club Swapmeet



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Visit OgdenARC.org then click O-Bay Swap

FEATURED ITEMS

SWAP ITEM # 194

FOR SALE:

Buckmaster Off-Center Fed Dipole

From Peter Lakomski's estate KE7TQV

\$40.00 When Googled, it showed price of \$350.00, but still unsure of actual model number.

Included:

Antenna wire with center box 88' on one side, 50' on other side

110 feet of Advanced Digital Cable RG-213 50 ohm coaxial cable

One end needs a redo on the PL-259 connector...the solder contact is broken.

PRICE: \$40

CONTACT: Kent Gardner WA7AHY, Below500kc@gmail.com, 801 391-6341 (Cell),
4515 Jefferson Avenue South Ogden, Utah 84403

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Club Swapmeet



“SALE” or “WANTED” ITEMS NEEDED

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FEATURED ITEMS

SWAP ITEM # 193

FOR SALE:

ICOM IC-T70A

Dual Band FM Ham Radio Transceiver.

With charger. In good condition.

PRICE: \$150

CONTACT: Andrea Howard, AG7LIG, 505-818-8909 (call or text)



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Club Swapmeet



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FEATURED ITEMS

SWAP ITEM # 187

FOR FREE:

I have some new Sinclair 220 duplexers, rugged 5-element Sinclair yagis, and some Sinclair 220 isolator panels.

No cost... was a donation from unused surplus federal equipment as they changed systems.

PRICE: \$0

CONTACT: Mike Collett K7DOU, k7dou@comcast.net 801-550-5101

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Club Swapmeet



“SALE” or “WANTED” ITEMS NEEDED

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FEATURED ITEMS

SWAP ITEM # 186

FOR SALE:

The January VHF contest is coming. I've decided I'm to old for mountain topping anymore and am selling my multimode equipment.

- Kenwood TS-790 VHF/UHF all mode transceiver. 45W on 2m and 40W on 70cm. = \$450
- Teletec DXP-V175 2 meter Brick, 50W in 175W out. = \$175
- Astron SS30M 30amp switching power supply. = \$75
- 2 Cushcraft 10 element 2m Yagis. = \$25 ea
- AEA 14 element 70cm Yagi. = \$50

PRICE: \$675 for the lot.

Will throw in two 20' TV masts and guys.

Also assorted RG8 and RG213 coax cables.

CONTACT: Charlie Schmalz N7SFT; 801-782-1427

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Visit OgdenARC.org then click O-Bay Swap

FEATURED ITEMS

SWAP ITEM # 176

FOR SALE:

40ft mobile air pushup tower.

Includes spare tire for trailer, leveling feet for trailer and guy straps with ground stakes.

Trailer requires 2 inch ball.

PRICE: \$3000

CONTACT: John - N7WZ, jbinc@xmission.com, 208.520.3537 (leave message)

NOTICE

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<http://www.pocatelloarc.org/swap/>

CLUB REPEATER NEWS



Scott Willis KD7EKO



Mike Fullmer KZ7O

Scott Willis KD7EKO and Mike Fullmer KZ7O are the OARC repeater engineers that keep our club repeaters at Mt Ogden and Little Mountain operational.

Club Badges

OARC Club badges are available for all licensed club members.

The cost is \$10.00 each. The badge comes with 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 with the club logo. See example below.



Place your order along with \$10.00 in advance for each badge ordered and specify Call Sign and First Name. Contact webmaster or any club officer via email or contact the club treasurer at the next club meeting.

For additional information see club website left side menu and click “Join” to fill out a club application form to order a club badge.

Club Badges



UNCLAIMED OARC CLUB BADGES

New members have ordered pre-paid club badges that have not been claimed. You can claim your badge at any club function, meeting, activity or event or contact the club badge czar / club treasurer Jerry KG7IGW or J. Siddle KG7CJN

If you are reading this and you are one of the following hams, please collect your badge. Even if you are not reading this, come collect your badge.

AC7GV - JOHN

K7AHD - TOM

KD7RPT - SPARKY

KF6CCK - DAVID

KF7HNU - RALPH

KG7IQH - MARK

KG7KFD - TONY

KT7JIM - JIM

OARC YAHOO GROUP




Did you know that OARC has a Yahoo Group?

We occasionally communicate with our OARC members via the Yahoo Group. Receive notices regarding upcoming club meetings and future e-newsletter release notices and much more like CHAT items of interest.

You can also send/receive notices to/from other group members yourself.

It's easy to sign up...



Just click on the  icon at the top of the club website home page and then follow the Yahoo Group instructions to create yourself a user ID and password.

OARC You Tube Channel



Did you know that OARC has a You Tube Channel ?

A lot of our meeting presentations are recorded and posted to our OARC You Tube channel for you to view at a later date.

It's easy to view missed



meetings...

Just click on the icon on the right hand panel of the club website home page to view recorded meetings preserved for your viewing pleasure.

OARC MEMBERSHIP DRIVE

SUPPORT YOUR RADIO CLUB

Don't forget to signup/renew your OARC membership now (\$15) which runs August to August. Consider signing up your spouse as well.

Ham + Spouse = \$15 + \$10 = \$25

THANK YOU FOR YOUR SUPPORT

Join OARC

Renew your membership now!

Membership in the Ogden Amateur Radio Club is open to anyone interested in Amateur Radio. You do not need an amateur license to join us. You do not need to join the club to participate with us. Dues are used to operate the club, field day activities, and repeater equipment maintenance.

Joining is easy. Come to a club meeting or fill out an application form from the club website (click "Join" from the left side main menu). Instructions for mailing on the form.

DUES: Dues are \$15.00 per person and runs August - August. (Ham + spouse = \$25.) More than one ham in the family? Consider the OARC Family plan for \$25.

NOTE: New Hams >>> Membership in OARC is complimentary for remainder of 1st year licensed.

ANNOUNCEMENTS

Next Club Meeting:

3rd Saturday of each Month

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

Meeting/Activity:

See notices above

Talk-in: **-146.82 (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 Feb, Jun & Oct

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

Time: 06:00 PM *Walk-ins allowed*

Location: Permanent location

**Weber County Sheriff Office
Training Room
712 W 12th Street Ogden Utah**

Contact: VE Liaison:

Rick Morrison W7RIK (Liaison)

morrisonri@msn.com (801-791-9364)

Jason Miles KE7IET (IT)

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.

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			
(*) Yaesu Fusion digital/FM compatible			
FREQ	CLUB	TONE	LOCATION
146.900-	OARC (*)	122 DCS	Mt Ogden (w/WiresX)
448.600-	OARC (*)	123.0	Mt Ogden
146.820-	OARC (*) "Talk-in"	123.0	Little Mtn
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-	GSARC	123.0	Brigham City
145.430-	GSARC	123.0	Brigham City
147.220+	GSARC	123.0	Brigham City
448.300-	GSARC	123.0	Brigham City
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
147.100+	Morgan	123.0	Morgan Co
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 Co	100.0	Lewis Peak

AREA CLUB MEETINGS & WEB SITES

CLUB	WEB SITE	DATE/TIME	LOCATION
OgdenARC	ogdenarc.org	3 rd Saturday 09:00 am	Check OARC web site ...
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
UVarc	https://uvarc.club	1 st Thursday 6:30 pm	Orem City Council Chamber Room 56 North State St. Orem Utah
GSarc	Ubetarc.org	Check Website	Check Website
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)
WDArc	westdesertarc.org/	1 st Tuesday 7:00 pm	Tooele County Courthouse Tooele Utah
WsuArc	https://groups.google.com/forum/#!forum/wsuarc	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	GS ARC	145.430 - 123.0 (training net)
Sunday @ 8:30 PM	SATERN Net	145.900 - 123.0
Sunday @ 9:00 PM	Morgan Co Net	147.100 +123.0
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 @ 7:00 PM	OARC—Ham & Eggs Net	448.600 -123.0
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	GS 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: Dave Mamanakis KD7GR

Vice Pres: Mike Taylor KE7NQH

Secretary: Ceva Cottrell W7CVA

Treasurer: Jerry Cottrell KG7IGW

Asst Treasurer: J. Siddle KG7CJN

Program Director:

Gil Leonard NG7IL

Activity Director:

Bob Smith KG7EIZ

"WATTS NEWS" e-Magazine

NL Editor: Val Campbell K7HCP

"OARC" web site

Webmaster: Val Campbell K7HCP

OTHER CLUB APPOINTMENTS

VE Liaison: Richard Morrison W7RIK

Jason Miles KE7IET (IT)

Repeater Engineers: Mike Fullmer KZ7O

Scott Willis KD7EKO

Photographer: Ceva Cottrell W7CVA

Asst Photographer: Rick Hansen N7EGA

QSL Manager: Ceva Cottrell KE7IEV

Historian/Librarian: Kent Gardner

WA7AHY

Equipment Manager: Val Campbell K7HCP

Club Call Sign Trustee: Larry Griffin AD7GL

Advisors: Stan Sjol W0KP

Mike Fullmer KZ7O

Kent Gardner WA7AHY

Kim Owen KO7U

Larry Griffin AD7GL

Jason Miles KE7IET

73 es cul de W7SU

www.OgdenArc.org