



# THE OHM TOWN NEWS

*Voice of the Bridgerland Amateur Radio Club*

>>>>>>> <http://www.barconline.org> <<<<<<<<

## February 2016

### *Some Contents...*

President's Message .....	2
Upcoming Activities .....	3
A Ham Profile/Tribute .....	4
BARC 2016 Budget .....	5
Report on new Licenses in 2015 .....	6-8
ARRL News and Information .....	9-14
BARC Club Membership Application Form ....	15
Test Questions for General Class License .....	16
2016 Club Officers.....	17

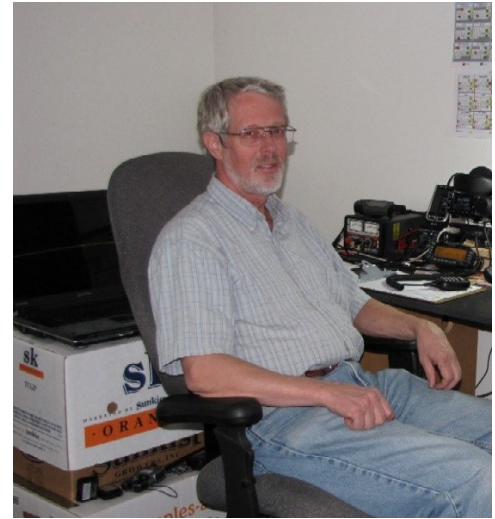


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# PRESIDENT'S MESSAGE

In the December issue of [QST](#) (monthly membership journal of American Radio Relay League – ARRL where each issue is a source for equipment reviews, technical tips, projects, and news) in the “It Seems to Us” section by David Summers, K1ZZ, ARRL Chief Executive Officer, talked about being at the International Amateur Radio Union (IARU) Region 3 conference. So what is the [IARU](#)? It is an international confederation of national amateur radio organizations that allows a forum for common matters of concern and collectively represents matters to the [International Telecommunication Union \(ITU\)](#) for better mutual use of the radio spectrum among radio amateurs throughout the world, to develop Amateur Radio worldwide, and to successfully interact with the agencies responsible for regulating and allocating radio frequencies. The membership of the IARU consists of more than 160 member-societies in as many countries and separate territories.



The IARU was founded at a meeting in Paris in 1925 as the international representative of the Amateur Radio movement. At the time, the “short waves” were just beginning to be understood and to be exploited for global communication using power levels and antennas that were within reach of private individuals operating from their own homes. These radio amateurs needed an organization to coordinate their activities and to be their voice at international conferences.

The IARU is recognized by the ITU as the representative of the interests of its member societies and radio amateurs throughout the world. The IARU is a Sector Member of the ITU Radiocommunication (ITU-R) and Development (ITU-D) Sectors and participates in the Study Groups of both Sectors

The IARU Constitution has been revised several times. The current Constitution was adopted in 1984 and amended slightly in 1989. It recognizes three regional organizations representing the three radio regions that are defined by the ITU for frequency allocation purposes.

Each regional organization is autonomous and operates in accordance with its own Constitution. The ARRL is a member of IARU Region 3 as well as Region 2 because it represents the radio amateurs of Guam, the Northern Marianas and American Samoa which are located in Region 3.

The administration of the IARU is performed by the ARRL, which serves as the International Secretariat. The policy and management of the IARU are carried out by its Administrative Council, made up of the three IARU officers (President, Vice President and Secretary) and two representatives from each of the three regional organizations. The Administrative Council normally meets annually, usually in conjunction with a regional conference.

It is reassuring that the ARRL is defending and expanding the amateurs’ access to the radio spectrum through their work with the IARU, ITU and here in the US for the Amateur Radio community to Congress and the FCC.

73,  
Cordell  
KE7IK

# UPCOMING 2016 ACTIVITIES

- 10** February, 7:30 PM — ARRL Rocky Mountain Division Net  
147.200/IRLP Node: 9871
- 13** February 10:00 AM — BARC Club Meeting - PC in the Shack
- 16** February 6:30 - 8:00PM — Elmer Night - Cache County Sheriff's Office
- 17** February, 7:00 PM — Cache County ARES meeting at the Sheriff's Office
- 18** Feb, 8:00 PM - RACES VHF Net 147.18 Snowbird 147.20 IRLP 146.72 Mt. Logan
- 27** February, New Mexico TechFest (Albuquerque, NM) ([More Info](#))
- 05** March, 8:00 AM—VEC License Test Session @ USU Eng. Bld (NEW) Rm 302
- 09** March, 7:30 PM — ARRL Rocky Mountain Division Net  
147.200/IRLP Node: 9871
- 12** March 10:00 AM — BARC Club Meeting -
- 15** March 6:30 - 8:00PM — Elmer Night - Cache County Sheriff's Office
- 16** March, 7:00 PM — Cache County ARES meeting at the Sheriff's Office
- 19** March, 8:00 AM — RACES HF Net 3920 KHz

For more calendar information see the [barconline.org/calendar](http://barconline.org/calendar)

## Local Radio Nets:

The **Weekly BARC net** is for BARC members and anyone else that would like to check in, held **every Tuesday night at 9:00 p.m.** local time on the Mt Logan BARC Repeater and Linked Systems (146.720)

The **BARC Ladies Net** is every **2nd and 4th Tuesday at 8:00 p.m.** on the BARC Repeater and Linked Systems (146.720). All licensed lady amateur radio operators are welcome to check in.

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**BARC Club Meetings** are normally on the 2nd Saturday of the month at 10:00 A.M. on the 3rd floor of the Cache County Sheriffs Complex on 200 North and 1225 West, Logan, Utah.

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**ARES Meetings** are usually held on the Third Wednesday of each month at 7 P.M. at the Cache County Sheriffs Complex. Contact Tyler Griffiths for more information.

## **A Tribute to Jeannette Campbell**

### **By Laurie Littledike**

With permission from her family and great sadness, we regret to report that our friend and associate KF7GSR, Jeanette Campbell, unexpectedly passed away on Thursday, February 4.

As a member of BARC, Jeanette played an active role in many activities sponsored by the club and other organizations. The Little Red Riding Hood event benefitted from her medical expertise as a Registered Nurse. She organized as well as provided individual first aid care in several events. Top of Utah Marathon, Lotoja, Bike the Bear, and Bear 100 were better because of her skills.

With the Red Cross Jeanette deployed to Joplin, Missouri, to the aftermath of a devastating tornado. She was prepared with her radio in hand to places formerly marked by signs and buildings to help storm victims. The knowledge and insights gained there increased her understanding in event organization and support.

She excelled in her civic, community and church responsibilities.

Beside that, she was a wonderful wife, mother and friend. She was witty and warmed hearts with her infectious smile. She was always grateful to those who helped her learn and do. We will miss her deeply.

As we ended the BARC Ladies' Net, we agreed to use 33 as a closing.

So 33 to our dear KF7GSR.

Jeannette became a Silent Key on February 4th, her funeral will be held on February 9th at 11 a.m. at the Crockett Ward Chapel, 325 Lauralin Drive, Logan, Utah.

## 2016 Proposed BARC Budget

General	\$250
Refreshments	\$350
Field Day	\$400
Swap Meet	\$50
Christmas Party	\$150
Promontory Site Rental	\$600
Rocket Recovery	\$250
Pay Pal Fees	\$50
Activity Expenses Expenses needed for organization and support of events, communications, handouts, printing, equipment, etc.	\$500
Grand Prize for BARC activity participation	\$700
Monitor for Club Display	\$120
Liability Insurance	\$200
<b>Total Budget</b>	<b>\$3620</b>
Projected Income/Sources	
Dues	\$1800
Donations – Equipment/Repeater/Additional from members, United Way matches, etc.	\$4000

The Vote for the 2016 budget includes the following.

1. Approve the proposed general budget.
2. Authorize the BARC Board the discretion to allocate additional funds for equipment and activities as needed to meet the needs, repair, or for additional expenses deemed appropriate.

VOTE:

\_\_\_\_\_ YES                      \_\_\_\_\_ NO

As you know members of the Bridgerland Amateur Radio Club provides many hours of community service each year by participating in various service events. One public service activity that we don't hear about very much is the Volunteer Examiner program. As a club we are affiliated with the ARRL VEC program. Several club members who are ARRL accredited Volunteer Examiners (VEs) give service throughout the year offering exam opportunities to those who want to get their first Amateur radio license or those that want to upgrade their license.

In the year 2015 BARC sponsored 7 exam sessions. Here is a summary of the number of exams given and new licenses earned at those sessions:

Technician License Exams Given:	108	New Technician Licenses Earned:	82
General License Exams Given:	76	New General Licenses Earned:	20
Extra License Exams Given:	15	New Extra Licenses Earned:	6
Number of Exams Given:	199	Number of New Licenses Earned:	108
Number of People Served:	128		

Thank you to the club members that server as volunteer examiners.

Listed below are the new license holders and those that upgraded in 2015. Congratulations to each of them!

## February 7, 2015

### New Technician Licenses Earned:

Cody Soderborg – KG7RDT	Andrew Titensor – KG7RCP
Michael Allred – KG7RDS	Lewis Roseberry – KG7RCO
Bret Anderson – KG7RDR	David Record – KG7RCN
James B. Buffman – KG7RDQ	Kira Olson – KG7RCW
James R. Buffman – KG7RDO	Tanner Olsen – KG7RCV
Larry Dutson – KG7RDN	Joseph Plaizier – KG7RCU
Cameron Dutson – KG7RDM	Anissa Potts – KG7RCT
Spencer Salisbury – KG7RDL	Melinda Potts – KG7RKL
Roger Salisbury – KG7RDK	Devin Potts – KG7RCX
Joshua Salisbury – KG7RDJ	Meriam Franson - KG7RDY
Ashley Salisbury – KG7RDU	Kelly Rasmussen – KG7RCZ
Gary Holyoak – KG7RDI	David Robinson – KG7RDB
William Hawkes –KG7RDH	Abbey Carlson – KG7RDA
Russell Kirkham – KG7RDF	Ken Carlson – KG7RDC
Peggy Shelley – KG7RDG	Drew Mecham – KG7RDD
Kevin Shelley – KG7RCS	Alice Titensor – KG7RDE
Harry Meadows –KG7RCQ	

### New General Licenses Earned:

Lyle Jorgensen – AF7QL	(Passed Technician and General Exams)
Allan Maughan – N7NAM	(Passed Technician and General Exams)
Gregory Franson – KG7RDX	(Passed Technician and General Exams)

### New Extra License Earned:

Wesley Campbell – AF7OH	(Passed Technician, General, and Extra Exams)
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*(Continued on page 7)*

## March 7, 2015

### New Technician Licenses Earned:

Bethany Potts – KG7RZY  
Tim Holmes – KG7SAY  
Jessica Johnson – KG7RZV

Alyssa Johnson – KG7RZW  
Jason Bailey – KG7RZX  
Hannah Zollinger – KG7RZU

### New General Licenses Earned:

Mark Pontius – KG7IQH  
Kurtis Hammond – KG7CDQ

Daniel Homan – KG7OKU

### New Extra License Earned:

Lewis Roseberry – KG7RCO (Passed Technician and General Exams)

## April 18, 2015

### New Technician Licenses Earned:

Joel Jensen – KG7TFP

Joseph Millward – KG7TFO

### New General Licenses Earned:

John Drew – K7BWY  
Kevin Johnson – KG7LCD  
Timothy Hawthorne – KK7TH (Passed Technician and General Exams)  
Nathan Fugal – KG7TFQ (Passed Technician and General Exams)  
Dale Cox – KB7UPW  
Bret Anderson – KG7RDR  
Robert Hendrickson – KG7LBO  
Terry Cooper – KE7BER  
Marc Karpowich – K7ARP

### New Extra Licenses Earned:

Lyle Jorgensen – AF7QL Kevin Rood – KG7JLD

## June 4, 2015

### New Technician Licenses Earned:

John Hansen – KG7UKB  
Brian Welch – KG7UKA  
Peter Leavitt – KG7UJZ  
Jeffrey Meacham – KG7USR  
Tiffany Dockstader – K7TBD

Cameron Dockstader – K7CDD  
Thomas Thatcher – KG7UJW  
Brent Undhjem – KG7UJV  
Kevin Lee – N7ERV

### New General Licenses Earned:

Mitchell Smith – N7USU  
Laurie Littledike – KF7DKM

Blake Lance – KD7QMV

*(Continued on page 8)*

## October 8, 2015

### New Technician Licenses Earned:

Austin Van Alfen – KG7WXP  
Shane Jessop – W7SCJ  
Brian Dickey – KG7WXR  
Todd Thatcher – KG7WXS

Steven Kangas – KG7WXT  
Joseph Arnell – KG7WXU  
Jordan Cline – KG7WXV  
Jared Bell – KG7WYK

### New Extra License Earned:

Douglas Leatham – AF7UK

## October 24, 2015

### New Technician Licenses Earned:

Ada Marie Campbell – KC7ADA  
Jason Peterson – KG7YKZ  
Jacob Scholes – KG7YKY  
Paul Ellis – KG7YKX  
Elda Phelps – KG7YKW  
Thomas Dickinson – KG7YKV  
Ashish Derhgawen – KG7YKU  
Keith Marble – KG7YKT  
Jessica Gunderson – KG7YKS

Cade Moody – KG7YKR  
Alex Karras – KG7YKQ  
Alan Redding – KG7YKP  
Layne McKenna – KG7YKO  
Ethan Rawlings – WE7RAW  
Spencer Finch – KG7YKM  
Gerald VanDerMeer – KG7YKL  
Laurel Maughan – KG7YKK  
Zachary Murphy – KG7YLQ

### New Extra License Earned:

Brandon Tibbitts – KD7IIW

## December 5, 2015

### New Technician Licenses Earned:

Shawn Bliss – KG7ZSU  
David Brandley – KG7ZSV  
Zeke Rhodes – KG7ZSW

James Thatcher – KG7ZSX  
Wayne Crowther – KG7ZSY  
Elva Maughan – KG7ZUW

### New General Licenses Earned:

Thomas Dickinson – KG7YKV  
Joel Jensen – KG7TFP

If you would like to become a VE, you can go to <http://www.arrl.org/become-an-arrl-ve> for the instructions on how to get accredited by ARRL.

Richard Elwood  
KE7GYD  
VE Liaison



# The ARRL Letter for January 28, 2016

## Tom Gallagher, NY2RF, Will Succeed David Sumner, K1ZZ, as ARRL CEO

Tom Gallagher, NY2RF, of West Palm Beach, Florida, will succeed David Sumner, K1ZZ, as the chief executive officer of ARRL, effective April 18. In that role, he will oversee all activities at ARRL Headquarters in Newington, Connecticut. Meeting in a special webinar session on January 25, all 15 ARRL Directors voted to elect Gallagher as CEO and Secretary, positions that Sumner will relinquish on April 18. Gallagher will join the ARRL staff as CEO-Elect on February 29, and a transition period will follow.

"I am excited by the prospects of ARRL's Second Century, but I am equally mindful of Dave Sumner's enormous 4-decade contribution to our organization and of the extraordinary contributions he has made to advancing the art and science of Amateur Radio, to growing our ranks, and to expanding the sheer enjoyment of ham radio around the world," Gallagher said. "We need to focus on those parts of the population that are not participating in what Amateur Radio has to offer as an avocation, as well as the ones that are."



ARRL CEO-Elect Tom Gallagher, NY2RF.

Gallagher said he is looking forward to attending the [ARRL 2016 National Convention](#), hosted by the Orlando [HamCation](#), February 12-14.

Licensed in Pennsylvania in 1966 as WA3GRF (and later N4GRF in North Carolina), Gallagher is a member of the West Palm Beach Amateur Radio Group. He describes himself as "an incurable HF DXer and inveterate tinkerer." He credits his first visit to The Franklin Institute's Amateur Radio station, W3TKQ, in 1963 for inspiring his interest in ham radio.

Amateur Radio led to an early career in broadcasting. He was a cameraman and technician with WGBH-TV in Boston, the CBS Television Network, and Metromedia's WIP Radio in Philadelphia.

He joins ARRL following 3 decades as an international investment banker and financial services executive. His career has included senior leadership positions with JP Morgan Chase & Co and CIBC Oppenheimer & Co in New York, and with Wachovia Capital Markets in Charlotte, North Carolina. He has also served as an adjunct professor at the Walsh School of Foreign Service at Georgetown University and as CEO of the Secondary School Admission Test Board in Princeton, New Jersey. Gallagher has served on boards, both public and non-profit, including the boards of two NYSE companies, the NPR affiliate in Charlotte, the Executive Board of The Penn Fund at the University of Pennsylvania, and The International Center of Photography.

Gallagher graduated *magna cum laude* with a BA from the University of Pennsylvania, and he holds an MBA from The Wharton School. He is a graduate of The Lawrenceville School, where he held the Nicholas Noyes scholarship.

In addition to ham radio, Gallagher enjoys saltwater fishing and sailing which, he confesses, is sometimes just an excuse to operate maritime mobile.

Gallagher and his wife Lindy Allyn divide their time between West Palm Beach, Florida, and Manhattan. They have three sons. He plans to return to Connecticut, where he had lived previously for 13 years in New Canaan. Read [more](#).

(Continued on page 10)

# Hams Turn Out to Help as Massive Snowfall Stuns Several States

Amateur Radio Emergency Service ([ARES](#)) and [SKYWARN](#) volunteers were at the ready as a storm of historic proportions over the January 23-24 weekend dropped up to 3 1/2 feet of snow, some of it on states not used to seeing much snow at all. Utility line icing caused power outages in some states, and flooding occurred along coastal areas. While the storm bypassed Northern New England, it brought major East Coast cities to their knees, and some 30 deaths were blamed on the severe weather. Federal offices in Washington, DC, including FCC Headquarters, were closed for 2 days.

## New York City Area

ARRL NYC/Long Island Section Manager Jim Mezey, W2KFV, reported approximately 2 feet of snow with some local flooding in his Section. ARES members were active in ARES and SKYWARN nets on local repeaters, and 40 meters was used to transmit weather information using digital modes.

Eastern New York Section Emergency Coordinator David Galletly, KM2O, said parts of his section received little to no snow; other areas closer to New York City were clobbered. "The snow/no snow line was extremely sharp," he told ARRL. Reports with snow total data attributed to "Amateur Radio" were filed from several Eastern New York counties in National Weather Service (NWS) statements, including observations from Bergen and Passaic counties in New Jersey, from Westchester, Suffolk, and Orange counties and Bronx borough in New York, and New Haven and Fairfield counties in Connecticut.

## The Southeast

The Appalachian Region may have been the hardest hit, with more than 40 inches of snow reported in parts of West Virginia, where a state of emergency was declared. Kanawha County ARES activated nets on 75, 40, and 2 meters.

"We were lucky," said ARRL West Virginia SM Phillip Groves, N8SFO. "Lots of snow -- 24 inches in Beckley, a few power outages around the state. We had several ARES/RACES nets on standby, and a lot of hams with nothing to do but talk on the radio."



A state of emergency also was declared in Kentucky, not typically known for snow emergencies, after several counties received a foot or more of snow, stranding thousands of motorists along a stretch of Interstate 75. Kentucky Public Information Officer Greg Lamb, W0QI, said the Kentucky Emergency HF Net activated on 75 meters, with stations checking in from throughout the Commonwealth. Hazard and Harlan County-area repeaters activated a SKYWARN net that remained active until after the storm had passed. Amateur Radio volunteers provided 67 storm-related reports to the NWS Jackson office. Some area repeaters were down as a result of the storm.

Shelby County ARES was contacted by served agencies and put on standby to assist with possible shelter duty. In Madison, Rockcastle, and Laurel counties, the Red Cross asked for assistance after the Interstate 75 closing.

In Virginia, NWS Wakefield SKYWARN Amateur Radio Coordinator Steve Crow, KG4PEQ, said the Wakefield SKYWARN Amateur Radio Team was active from Friday morning through Saturday evening,

*(Continued on page 11)*

with brief wrap-up nets to take total snowfall reports on Sunday.

"While the SKYWARN Radio Desk at NWS Wakefield (WX4AKQ) was not activated, we ran local nets in four of our regions impacted by the storm," Crow told ARRL. "Participation exceeded expectations, with 13 SKYWARN net controls taking 274 reports from 109 different spotters." In Stafford County, about a dozen ham radio volunteers deployed to support communication for the county emergency manager, but no emergency developed there.

In North Carolina, the storm brought snow and downed utility lines, leaving some 200,000 without power at the peak, but causing no communication outages, ARES SEC Tom Brown, N4TAB, reported. "A few shelters were opened, but were subsequently closed due to minimal need," he said.

## Middle Atlantic

Delaware, which typically experiences fairly mild winters, was not spared this time. "While some areas of Delaware received up to 17 inches of snow, public service, wireless, and telephone services were operational throughout," ARRL Delaware SM Bill Duveneck, KB3KYH, said. "This made for a very routine and uneventful ARES activation...just the kind we always hope for."

Amateur Radio volunteers in The First State began preparing for the storm the day before it started, firing up a "Ready Net" in Sussex County, providing weather forecasts and potential served-agency assignments. The next morning, ARES initiated spot reporting to the county emergency operations center (EOC), staffed by Sussex County RACES. The ARES Storm Net opened at noon, and stayed up into the evening. Duveneck said 34 volunteers participated in the net, reporting weather, downed wires, and traffic accidents. Other ARES volunteers staffed a shelter at a Georgetown high school, and ARES remained on standby to assist South Delaware hospitals and the Delaware State Police.

SKYWARN nets were reported active in New Jersey's southern Ocean County.

## Southern New England

In Connecticut, Section Emergency Coordinator Wayne Gronlund, N1CLV, summed it up this way: "Our first significant winter storm has passed with surprisingly few power disruptions!"

In Massachusetts, the NWS Taunton office's SKYWARN station WX1BOX activated for 16 hours over the weekend to gather reports on the blizzard's effects over its coverage area. The storm largely affected the area south of Boston toward southeastern Massachusetts -- especially Cape Cod and the Islands, south-central Rhode Island, and south-central Connecticut. WX1BOX handled several hundred snowfall reports, as well as reports of damage due to high winds and the heavy, wet snow, and of coastal flooding.

"Compared to last year, this storm did not impact our Section as badly as it could have, but there were still reports of significant snowfall, as well as some coastal flooding and pockets of tree and wire damage and power outages," said Eastern Massachusetts ARES Assistant Section Emergency Coordinator Rob Macedo, KD1CY. "SKYWARN Net reports were invaluable." SKYWARN nets also were active in southeastern Connecticut.



Noah Goldstein, KB1VWZ, at WX1BOX at the NWS Taunton office in Massachusetts. [Rob Macedo, KD1CY, photo]

Nantucket ARES was on standby to support shelter operations on the island, as power outages mounted, but power was restored quickly enough to avert the need for opening a shelter. Read [more](#).

*(Continued on page 12)*



# The ARRL Letter for February 4, 2016

## ARRL Announces Partnership with RFinder -- The Worldwide Repeater Directory

ARRL has established an agreement with [RFinder](#), the creator of a web and app-based directory of Amateur Radio repeaters worldwide, for RFinder to be the League's preferred online resource of repeater frequencies.

RFinder is a steadily growing worldwide repeater directory with over 50,000 repeater listings in over 170 countries. An annual \$9.99 subscription to RFinder provides access to repeater data through its collection of apps for Android and Apple devices, and from nearly any web browser. With one subscription, users have access to repeater data worldwide from computing devices on *Windows*, Mac, Linux, Android, Apple iOS, and popular GPS systems. A growing list of third-party memory programming applications support radio programming. RFinder provides integrated support for *EchoLink* on Android and iPhone, allowing users a one-click connection to repeaters worldwide from the directory.

"The RFinder team is honored to be ARRL's partner, providing the very latest online repeater information and directory technology for radio amateurs in the United States," said Bob Greenberg, W2CYK, creator of RFinder -- The Worldwide Repeater Directory. "We look forward to working with ARRL to make RFinder even better for US hams."

ARRL will receive a portion of each annual subscription to RFinder. US radio amateurs who subscribe to RFinder will have online access to its entire worldwide directory while supporting ARRL.

ARRL will discontinue its own products that had supported digital listings of repeater data, including the *TravelPlus for Repeaters*™ software and its own apps. ARRL is working with RFinder on a plan to migrate existing ARRL app users to RFinder, in order to support remaining subscription terms.



An RFinder screen shot.



RFinder, the official online repeater directory of ARRL

"Rest assured that the printed *ARRL Repeater Directory*, updated and published each year, will continue to be produced," said ARRL Marketing Manager Bob Inderbitzen, NQ1R. Inderbitzen explained that the *Repeater Directory*, available in [pocket-sized](#) and [spiral-bound desktop](#) editions, is especially popular with new radio amateurs, mobile and portable operators, and public service volunteers who rely on the printed copies when they are offline and on the go.

ARRL's source of repeater data for *The ARRL Repeater Directory* is voluntarily contributed information from repeater owners and frequency coordinators in the US and Canada. RFinder, on the other hand, assembles its data from worldwide sources, including repeater owners, national and regional coordinating bodies, and carefully reviewed crowd-sourced contributions. RFinder uses dynamic data, allowing users to access listings that regularly reflect new, updated, revised, and deleted information.

RFinder will have an exhibit at the upcoming [Orlando HamCation](#)®, this year's [ARRL National Convention](#), February 12-14, at the Central Florida Fair and Expo Park in Orlando, Florida. "We are excited and proud to announce our partnership during the ARRL National Convention!" Greenberg said.

(Continued on page 13)

ARRL is the most recent national Amateur Radio society to establish a partnership with RFinder. RFinder is the official repeater directory of Radio Amateurs Canada, the Radio Society of Great Britain, the Deutscher Amateur Radio Club (Germany), and others.

Subscribe to RFinder by visiting <http://subscribe.rfinder.net> from your iPhone, iPad, iPod Touch, or from your Android smartphone or tablet. Those without an Apple or Android device can subscribe using the link at the bottom of <http://subscribe.rfinder.net/>.

## ARRL Board Adopts New Strategic Plan

The ARRL Board of Directors has adopted an updated [Strategic Plan](#) that defines the League's vision and guides its direction over the next 5 years. ARRL COO Harold Kramer, WJ1B, a member of the Strategic Planning Working Group, said the revised plan represents more than 8 months of work on the part of the group's seven members. Now-Honorary ARRL Vice President Jim Fenstermaker, K9JF, chaired the panel, which met some 2 dozen times, mostly via webinar. Kramer said input to the Strategic Plan was considerable and comprehensive.



The ARRL Board of Directors adopted a new Strategic Plan when it met for its Annual Meeting in mid-January. [Rick Lindquist, WW1ME, photo]

"It will let the members know what to expect from their association," he said. Kramer stressed that the updated plan "was not developed in a vacuum" but includes survey input from ARRL members, the Board of Directors, the Field Organization, advertisers, Headquarters staff, and similar strategic plans. "We really tried to take into account what all of these different constituencies thought were the main issues, concerns, and direction of the League for the future," he added.

When it adopted the Strategic Plan at its Annual Meeting in mid-January, the Board said in its resolution, "Further, the ARRL Board recognizes the Strategic Plan presented is the beginning of a more formal process for the ARRL and requires establishing priorities, resources, monitoring, review and modification

and/or addition of goals, initiatives, and tactics supporting the Strategic Plan as future conditions and the environment change."

Kramer said the Strategic Plan's mission statement -- To advance the art, science, and enjoyment of Amateur Radio -- describes "what we are supposed to do as an association," while its vision statement spells out "what we want to be."

The meat of the plan is its six strategic goals, each of which includes a list of initiatives to further differentiate those goals. The goals are:

- Grow Amateur Radio worldwide.
- Increase the vitality of Amateur Radio.
- Keep Amateur Radio accessible to all.
- Advance Amateur Radio science and technology.
- Organize and train volunteers to serve their communities by providing public service and emergency communications.
- Practice good governance and organizational management.

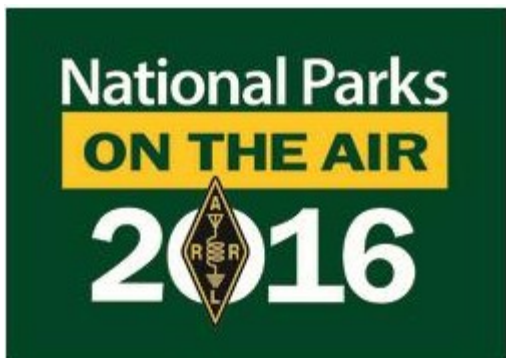
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"Tactics will be developed to define what must be done to support the goals and initiatives, as well as to prioritize activities and programs for development," Fenstermaker explained. "ARRL management is responsible for implementing and managing the process with the Board of Directors' oversight."

As the Strategic Plan states in its Preamble, "This plan is a starting point to assure that ARRL continues its leading role in the Amateur Radio community."

## National Parks on the Air Update

Statistics from the first month of National Parks on the Air ([NPOTA](#)) prove that the event is a big hit nationwide! In January, 243 of the 483 eligible NPOTA units had at least one activation, with 606 total qualified activations. More than 72,100 NPOTA contacts were uploaded to Logbook of The World ([LoTW](#)) in January.



The top three most-activated units are all trails: The Appalachian National Scenic Trail, TR01 (15); the Washington-Rochambeau Revolutionary Route National Historic Trail, TR23 (10); and the Santa Fe National Historic Trail, TR11 (9).

The top three units attracting the greatest number of contacts were the Santa Fe National Historic Trail, TR11 (1977); Hot Springs National Park, NP30 (1781), and Cape Cod National Seashore, SS03 (1563).

With an expected uptick in activity as the weather gets warmer across the country, 1 million NPOTA QSOs are not out of the realm of possibility.

For the week of February 4-10, 28 different NPOTA units are scheduled to be activated, including the Fort Pulaski National Monument in Georgia. See the NPOTA Activations Calendar for the complete listings.

[Details](#) about these and other activations coming up can be found on the NPOTA Activations calendar.

Keep up with the latest NPOTA news on [Facebook](#). Follow NPOTA on [Twitter](#) ([@ARRL\\_NPOTA](#)).

Membership in **The Bridgerland Amateur Radio Club, Inc. (BARC)** is open to anyone interested in Amateur Radio. You do not need an amateur license to join. Learn more online at <http://www.barconline.org/> or by emailing [membership@barconline.org](mailto:membership@barconline.org) .

The Bridgerland Amateur Radio Club provides the following to its members:

- A repeater system that covers northern Utah from Bear Lake to Salt Lake Valley.
- Events where you can practice your radio skills in a fun learning environment.
- Club meetings are held the second Saturday each month from October to May. An opportunity to meet and learn from other amateur operators.
- Social activities where members can make friends and interact with other members.



Your tax deductible membership supports club activities and the BARC repeater system.

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**The Bridgerland Amateur Radio Club, Inc.**

**Membership application for the year 2016**

*Dues are in effect January 1, 2016 through December 31, 2016*

*Please indicate if you or family member is an American Radio Relay League (ARRL) member*

Name \_\_\_\_\_ Call Sign \_\_\_\_\_ Date Paid \_\_\_\_\_

ARRL member

P.O. Box \_\_\_\_\_ Street Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Home Phone ( ) \_\_\_\_\_ Work Phone ( ) \_\_\_\_\_

E-mail \_\_\_\_\_

(The club's newsletter, THE OHM TOWN NEWS, is sent to the E-mail Address)

Individual Membership - \$25 \$ \_\_\_\_\_

Addition Family members in same household - \$3 ea \$ \_\_\_\_\_

Donation for Repeater upgrades / equipment purchases \$ \_\_\_\_\_

Total \$ \_\_\_\_\_

**Names and Call Signs of additional family members**

Name \_\_\_\_\_ Call Sign \_\_\_\_\_

ARRL member E-mail \_\_\_\_\_

Name \_\_\_\_\_ Call Sign \_\_\_\_\_

ARRL member E-mail \_\_\_\_\_

Name \_\_\_\_\_ Call Sign \_\_\_\_\_

ARRL member E-mail \_\_\_\_\_



Bridgerland Amateur Radio Club is an ARRL affiliated club

Mail your completed form and a check to: B.A.R.C., P.O. Box 111, Providence UT 84332-0111 or pay online at <http://www.barconline.org/join-barc> via PayPal

*B.A.R.C. is a non-profit organization*

## Questions for General Class License

1. (G1C03) What is the maximum bandwidth permitted by FCC rules for Amateur Radio stations transmitting on USB frequencies in the 60-meter band?
  - A. 2.8 kHz
  - B. 5.6 kHz
  - C. 1.8 kHz
  - D. 3 kHz
  
2. (G2C02) What should you do if a CW station sends "QRS"?
  - A. Send slower
  - B. Change frequency
  - C. Increase your power
  - D. Repeat everything twice
  
3. (G3C03) Why is the F2 region mainly responsible for the longest distance radio wave propagation?
  - A. Because it is the densest ionospheric layer
  - B. Because it does not absorb radio waves as much as other ionospheric regions
  - C. Because it is the highest ionospheric region
  - D. All of these choices are correct
  
4. (G4C02) Which of the following could be a cause of interference covering a wide range of frequencies?
  - A. Not using a balun or line isolator to feed balanced antennas
  - B. Lack of rectification of the transmitter's signal in power conductors
  - C. Arcing at a poor electrical connection
  - D. Using a balun to feed an unbalanced antenna
  
5. (G5C02) What happens if you reverse the primary and secondary windings of a 4:1 voltage step down transformer?
  - A. The secondary voltage becomes 4 times the primary voltage
  - B. The transformer no longer functions as it is a unidirectional device
  - C. Additional resistance must be added in series with the primary to prevent overload
  - D. Additional resistance must be added in parallel with the secondary to prevent overload
  
6. (G6B07) Which of the following is an advantage of an LED indicator compared to an incandescent indicator?
  - A. Lower power consumption
  - B. Faster response time
  - C. Longer life
  - D. All of these choices are correct
  
7. (G7C02) Which circuit is used to combine signals from the carrier oscillator and speech amplifier then send the result to the filter in some single sideband phone transmitters?
  - A. Discriminator
  - B. Detector
  - C. IF amplifier
  - D. Balanced modulator
  
8. (G8C12) Which type of code is used for sending characters in a PSK31 signal?
  - A. Varicode
  - B. Viterbi
  - C. Volumetric
  - D. Binary
  
9. (G9C05) How does increasing boom length and adding directors affect a Yagi antenna?
  - A. Gain increases
  - B. Beamwidth increases
  - C. Front to back ratio decreases
  - D. Front to side ratio decreases
  
10. (G0B08) What should be done by any person preparing to climb a tower that supports electrically powered devices?
  - A. Notify the electric company that a person will be working on the tower
  - B. Make sure all circuits that supply power to the tower are locked out and tagged
  - C. Unground the base of the tower
  - D. All of these choices are correct

(For answers to test questions see bottom of [page 17](#))



# BARC Club Officers

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Answers to questions on [page 16](#): 1-A, 2-A, 3-C, 4-C, 5-A, 6-D, 7-D, 8-A, 9-A, 10-B