



VOLUME 68 ISSUE 5
June 2017

Monthly Ham Breakfast



Saturday, July 1 2017 8-9:30 AM

New Day Café

5901 Delmonico Drive

Colorado Springs, CO 80908

Phone number (719) 636-2286

All are warmly invited to come on down and join us!





June PPRAA Club Meeting

The June 14th 7PM club meeting will be at the IHop on Stetson Hills Blvd (just west of Powers Blvd). 5749 Stetson Hills Blvd.

PPRAA Club Officers

President	<u>Raleigh Holcomb, N4HYF*</u>
Vice President	<u>Mike Anderson, WV7T</u>
Secretary	<u>John Wishart, NG0I*</u>
Treasurer	<u>James Madsen, K3ILC</u>
Ø-Beat Editor	<u>Jerre Redding, WA0BCM</u>
Webmaster	<u>Douglas Nielsen, N7LEM</u>
Board	<u>John Bloodgood, KD0SFY</u>
Board	<u>Glenn Brodt, N3ULW</u>
Board	<u>Dan Huber, KN0MAP</u>
Board	<u>Frank Rogers, KB3PDT</u>
Board	<u>Jim Rader, KD0NQM*</u>
Board	<u>Jim Bishop, KD0KQL*</u>
Board	<u>Virgil Yost, N0XRS*</u>
Board	<u>VACANT</u>

* In final year of 2-year term

All officers can be contacted at: boardmembers@ppraa.org

Growing the Ranks vs. Growing the Enjoyment

By Dan Romanchik, KB6NU

Because I teach amateur radio classes and publish a series of popular amateur radio license study guides (www.kb6nu.com/study-guides/), I often get kudos for "growing the ranks." In fact, Gordon West, WB6NOA, told me this just last week, when he stopped by the booth I was in at the Dayton Hamvention. I'm paraphrasing a little, but after telling me that he's heard good things about my study guides, he said something like, "You're doing good work in helping get more people into ham radio."

People say that as if this is—or should be—the ultimate goal of teaching a license class. While this may be one of the goals, if that's your primary goal, I think that you're barking up the wrong tree.

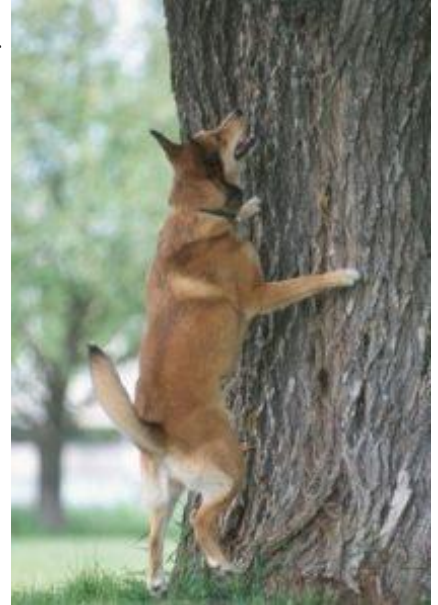
In a way, creating more hams is selfish. If there are more licensed amateur radio operators, they say, then amateur radio will have more political clout with the FCC and with Congress, making it easier to pass legislation like the Amateur Radio Parity Act. While this may certainly help the new ham down the line, its main thrust is to reduce restrictions on those who are currently hams.

My goal in teaching amateur radio classes isn't to create more hams. Instead, my goal is to help more people have fun with ham radio. The first step in helping people have fun with ham radio is, of course, helping them get their license. I do that by publishing my study guides and teaching ham classes.

The next step, and I'm only really getting started on this right now, is to help people learn what they need to know to become better ham radio operators. That's why I got a little excited when I saw the article, "Making a Good hobby Better Through Post-Licensing Enrichment" by Tim Busch, N0CKR in the latest issue of *Radio Waves*, the ARRL's email newsletter for amateur radio instructors.

In the article, Tim describes several activities that his club encourages, including a "new ham net" and the Field Day GOTA station, but he also details a program of "mini classes" that will teach specific skills related to ham radio. These include:

- Programming Radios and Getting on the Air
- Soldering 101
- Multimeter 101
- Build and Use a Roll-Up J-Pole Antenna
- Build and Use a Satellite Antenna
- Foxhunts
- Operating Digital Modes: IRLP, AllStar, D-Star, EchoLink, etc.
- Remote Operation
- Software-Defined Radios
- Transitioning from VHF/UHF to HF Operating



- Chasing Awards
- Learn CW
- Contesting

Tim writes, “Each class is intended to be no more than two hours at a sitting, so they can be held before a monthly club meeting. The variety of subject matter allows many club members to get involved in leading a topic. Materials kits are prepared in advance, so students walk away with practical items they can use at home.”

I think this is a great set of classes, and I plan to try some of these in the fall. A couple of other topics that occur to me are:

- Power Supplies 101
- Mobile Operation 101
- ARRL 101
- RFI/TVI 101

Helping new hams—and old hams—have more fun with amateur radio is a lot more satisfying to me than just “growing the ranks.” It would be nice to say that we have a million licensed radio amateurs in the U.S., but I think it would be a lot more valuable to the hobby to say that a larger percentage of licensed hams were active and enjoying ham radio. I know that, for me, increasing the number of active, engaged hams would be more personally satisfying than simply creating a lot of new licensees.

When he's not working on helping new hams, Dan operates CW on the HF bands and blogs about amateur radio at KB6NU.Com. If you have a good idea for a new ham “mini class,” e-mail him at cwgeek@kb6nu.com.



PPRAA Board Meeting Minutes

8 May 2016

Note: these minutes are a summary of the board meeting agenda notes, as I was unable to be present at the meeting.

The meeting was called to order by President Raleigh Holcomb at 6:37 PM at the IHOP Restaurant at Powers & Stetson Hills.

Silent Keys: Nancy Rawson KD0RVE

Treasurer's Report

Jim Madsen provided a treasurer's report.

Committee Reports

Zero Beat Report - Jerre still needs articles.

Megafest 2017 - This will be held on Saturday, July 8 at Lewis-Palmer High School in Monument. Jim Rader provided an update on Megafest preparation activities.

Field Day 2017 - This will be held on Saturday and Sunday, June 24-25 at the club station in Ellicott. Mike Anderson reported on upcoming Field Day activities. He still needs volunteers to help with some of the activities.

ARES Report - John Bloodgood reported on upcoming ARES events.

Club Station - there will be a work day at Ellicott on Saturday, May 13. We have some carpet tiles that could be used to cover the club station floor. It was suggested that we install a concrete pad in front of the storage shed. Repairs are needed on the 160 meter mast, the north/south folded dipole mast, and the Butternut antenna as they have suffered wind damage.

VP Report - Mike Anderson commented on some changes to our informal club meeting door prize policies. He will be getting expenses in line with receipts. He also requested that members bring in any Harbor Freight coupons for free and/or sale items.

CCARC - The group is looking for a new meeting location.

Next PPRAA Board meeting: Monday, June 12, 2017, 6:30PM at the IHOP on Stetson Hills at Powers.

The meeting was adjourned around 7:30 PM.

Respectfully submitted,

John Wishart NGØI

PPRAA Secretary

21 May 2017

PPRAA Business Meeting Minutes

May 2017



The meeting was called to order at 7:00 PM by President Raleigh Holcomb at the IHOP Restaurant on Stetson Hills near Powers Blvd. Approximately 38 members and guests were present.

Silent Key: Nancy Rawson KD0RVE

Appreciation certificates were presented to Kara Nab of IHOP and to Jim Rader for outstanding service to the club.

Treasurer's Report Jim Madsen reported that we had \$9949.32 in our bank accounts as of 10 May 2017. A check for \$276.98 was received from King Soopers for our members' gift card use.

Committee Reports

Megafest Report

Jim Rader - Saturday, July 8, at Lewis Palmer High School. Plenty of help will be needed. Jim also needs to have someone take some flyers to HRO in Denver.

Future Projects

- Club Station Antennas - Raleigh would like to experiment with a shunt tower. Would also like to erect an additional tower for further antenna experimentation.
- Public Display - The club would like to have a display set up at a mall or similar venue for providing the public with info regarding amateur radio.

ARES Report

John Bloodgood announced that the delayed Skywarn training finally happened on April 22. The Falcon 50 was cancelled due to bad weather. Garden of the Gods 10 Mile run is next event on June 11 and volunteers are welcome. Mountain Top Cycling Club event is on June 17. Pikes Peak International Hill Climb is June 25. Weather nets are at 12:30 PM every day. EOSS is having a balloon launch this Sat. APRS monitors are needed for GPS tracking.

VP Report

Mike Anderson noted that he will be putting several items up for sale on the Reflector. He would like any Harbor Freight free item coupons you might have. Will be going up Pikes Peak on June 10 for a special event station. There will be a work day out at the club station this Saturday. Mike is also teaching an Amateur Extra class. Contact him if interested. If you take pictures at Field Day please forward them to Mike and Jerre for publication.

CCARC

Doug Neilsen attended the last meeting. If you want to have a 2-meter repeater, there is a waiting list for available frequency slots. Comments have been lodged with the ARRL concerning the inaccuracy of the ARRL Repeater Directory regarding Colorado repeaters.

Club Members

Les Borst has had to relocate to an assisted living facility and must dispose of his ham gear. He wants to donate the ham gear to the club on May 27, 9760 Arroyo Lane in Black Forest (8AM to 3:30PM pickup).. If you can go and help collect this gear and drop it off at Mike Anderson's, that would be a big help.

Program

Bob Witte presented a technical explanation and demonstration of Digital Mobile Radio (DMR) technology.

Upcoming Events

Next PPRAA board meeting: 6:30PM, Monday, June 12, 2017, at the IHOP Restaurant on Stetson Hills at Powers.

Next PPRAA regular meeting: 7PM, Wednesday, June 14, 2017. Same location as above.

The meeting was adjourned at 9:15 PM.

Respectfully submitted,

John Wishart NGØI

PPRAA Secretary

21 May 2017

PPRAA FACE BOOK

<http://www.facebook.com/pages/PPRAA-Pikes-Peak-Radio-Amateur-Association/185833894769325?v=wall>

Gigantic Pikes Peak Area

MEGAFEST

Saturday July 8, 2017

0800 to 1300 (Vendors 0600) Ticket sales 0730

Lewis-Palmer High School

1300 Higby Road, Monument, CO

Just East of I-25, between Exits 158 & 161

Pikes Peak Radio Amateur Association, Inc.

A 501(c)(3) Non-profit Organization



ADMISSION: \$5.00 per person

6' TABLE RENTAL PRICES:

(Does NOT include admission)

One chair per table included with table rental

Early Bird (before 1 May).....\$12.00

In Advance (1 May – 2 July).....\$15.00

Last Minute (after 2 July).....\$17.00

Contests and Events

WA7BNM contest calendars link

<http://www.hornucopia.com/contestcal/>

2017 ARRL Rocky Mountain Division Convention

- Saturday May 27 thru Sunday May 28, 2017
- Buffalo Bill Village Resort, Cody, Wyoming
- Info [here](#).

Museum Ships Weekend Event

- Friday June 2, and Sunday June 4, 2017
- On Air
- More info [here](#).

PPRAA Field Day 2017

Who: PPRAA members, local amateur radio operators, friends, guests, and elected government officials.

When: Setup: June 23st, 1530

Operations: June 24nd, Noon until June 25rd Noon

Tear Down: June 25rd, Noon

Where: Ellicott Fire Station, 75 N Ellicott Hwy, Calhan, CO

Talk In: 146.460 simplex. We will also monitor repeater 146.970-

Computer Program: N1MM ([Get it here.](#))

Food Schedule:

Saturday Lunch	1230-1330	Hamburgers, Brats, chips, & soda
Saturday Dinner	1800-1900	Brisket and PotLuck
Sunday Breakfast	0800-1000	Eggs/omelets, bacon, & juice

Notes:

- There will not be a charge for meals, but donations will be welcome at the site to help cover the cost of food.
- For the potluck dinner Saturday night, we will provide meat and drinks. You should bring a side dish, salad, or dessert to share.
- We are also needing 3 to 4 volunteers for each of the three meals to help with KP (serving, cleaning up).

2017 ARRL Rocky Mountain Division Convention

- Saturday May 27 thru Sunday May 28, 2017
- Buffalo Bill Village Resort, Cody, Wyoming
- Info [here](#).

Museum Ships Weekend Event

- Friday June 2, and Sunday June 4, 2017
- On Air
- More info [here.](#)

Montrose ARC Tailgate

- Saturday June 3, 2017 0900
- Confluence Park, Delta, CO
- More info [here.](#)

PPRAA Field Day

- Saturday/Sunday June 24-25, 2017
- Club Station, Ellicott, CO

Central States VHF Society Conference

- Thursday – Sunday July 27-30, 2017
- Albuquerque, NM
- More info [here.](#)

Duke City Hamfest

- Friday August 11 thru Sunday August 13, 2017
- Albuquerque Marriott, Albuquerque New Mexico
- More info [here.](#)

Denver Radio Club Hamfest

- TBD August 2017
- Jefferson County Fairgrounds, Golden, CO
- More info [here.](#)

PPRAA Annual Picnic

- TBD August 2017
- 1000-1500 MDT
- Food served around 1230
- Pot Luck (Bring a salad, side dish, or dessert)
- Club provides brisket, burgers, brats, drinks

Colorado QSO Party

- Saturday September 2, 2017

BARCfest

- Sunday October 8, 2017
- Boulder County Fairgrounds, Longmont, CO
- More info [here.](#)

60th Jamboree-on-the-Air

- 20-22 October 2017
- More info [here.](#)

CMRG Annual Meeting

- TBD October 2017 1:00 – 4:00
- Colorado Springs, CO

TechFest – 2017

- Saturday November 11, 2017
- Lakewood Elks Lodge, 1455 Newland Street, Lakewood, CO
- More info [here.](#)

You shop. Amazon gives.

- Amazon will donate 0.5% of the price of your eligible AmazonSmile purchases to Pikes Peak Radio Amateur Association whenever you shop on AmazonSmile.

You can select a different charitable organization after signing in.

- AmazonSmile is the same Amazon you know. Same products, same prices, same service.
- Support your charitable organization by starting your shopping at smile.amazon.com

<https://smile.amazon.com/ch/84-1476913>

FOUNDATION FOR AMATEUR RADIO

- [Scholarship Information & Application](#)
 - [FAR Overview](#)
 - [Contact FAR](#)

Scholarship Information & Application The Foundation for Amateur Radio, Inc. will be awarding a total of 57 scholarships, worth an aggregate of \$94,575 for the 2017/2018 academic year. Those scholarships range in value from \$500 to \$5,000 each.

Note that the QCWA and Chichester scholarships have a requirement that you obtain a recommendation from the QCWA or an ARRL affiliated club, respectively. When you apply, you are applying for all of the scholarships for which you qualify. Getting the recommendations qualifies you for an additional \$38,000 in scholarships!

A complete description of the 2017 scholarships that were awarded may be found at:

-

(Updated 10 Apr 2017)

2017 Foundation for Amateur Radio Scholarship Application

To qualify for any of the scholarships managed by the Foundation, you must hold a current amateur radio license issued by the FCC or by an equivalent organization in a foreign country.

*The deadline for initial submission is **April 30, 2017**; those responses may be amended until May 7 to allow for receipt of college admission acceptances from those schools that do not announce them before May 1, or to allow you to provide additional information. If you need an extension to either date, please send request with explanation to farscholarships@gmail.com .*

[Scholarship Application Form](#)

There are several questions that ask for essay answers. To make it as easy as possible for you to complete the form in one sitting, we suggest that you complete the essay questions ahead of time in Word or in a text editor, then copy and paste your answers into the form. Below, you will find some suggestions to help you to write a strong application. When you click on 'Submit' to send the application, you will find a link that allows you to go back and edit the form later.

>> PLEASE COPY THIS LINK AND SAVE IT! <<

Only those applications submitted using the on-line form will be accepted. If you cannot use our on-line application, please contact me directly (dave.prestel@gmail.com) and provide an explanation of the issue(s). If necessary, I can provide an alternate form of the application to you. It is

important for us to understand your issues with the use of the form and any problems that you might have encountered when using it.

Your application form data goes directly into an encrypted, password protected PDF file that is available only to the review committee. Your raw input data is not stored on-line.

If you would like to have a copy of the completed application, please send the request to farscholarships@gmail.com. You will receive an encrypted, password protected PDF copy by return email. The password will be sent in a latter transmission.

Here is some information that may help you to write a strong application:

Each of the eight members of the FAR Scholarship Committee reads all of the applications and scores them based on their own rating factors.

When we have all of the scores, we normalize them so that they can be ranked. Once ranked, we make the awards starting with the highest ranked student and working down the list until we have awarded all of the scholarships.

Here are the scoring factors that are typically used by our reviewers:

- *Amateur radio activity – Allowance is made for the fact that the workload associated with college studies may not leave much time for operating during the school year. That said, the sub-factors here are class of license, membership in a club, participation in public service and/or emergency communications activity, and specific interests in such elements of the hobby as contesting, DX, satellite comms, home-brewing gear, and the like. We’re not suggesting that you change your activities as much as suggesting that you give us a clear understanding of them.*
- *Need – We’re not paying anyone’s tuition, but given two comparable students, the one with the greater need is likely to score higher. The important factor here is to make sure that you answer all of the questions on the form related to FAFSA scores, family income, and college tuition and expense costs.*
- *Performance in school – Not surprisingly, a good GPA is a plus. ACT/SAT scores are evaluated for rising freshmen, only.*

- *Choice of major and career – We don't evaluate majors and/or careers, per se. However, we would like to know why you have chosen your major and what you plan for a career. This is an area where longer answers are better.*
- *Outside activities – We'd like to be able to form an image of you as a complete person. Hence, we'd like to know about your other activities, that is those outside of ham radio. Are you a Scout? Active in your community or church? Do you play sports? Do you sing or play an instrument? What awards have you received as part of any of those activities.*
- *If you have questions about the scholarship process, please email them to farscholarships@gmail.com.*

Garden of the Gods Amateur Radio Club



Garden of the Gods ARC meeting

First Monday of each month at Fargos Pizza at 11:00 AM. All are welcome.

ARRL Incoming QSL Bureaus

www.arrl.org/incoming-qsl-service

ARRL Outgoing QSL Bureaus

ARRL Affiliated Clubs-Outgoing QSL cards

ARRL affiliated-club stations may use the service when submitting club QSLs for its members in bulk ("pooling" their members cards together in one package) by indicating the club name inside the package. Club secretaries should check club affiliation on the ARRL web site to ensure that their affiliation is current. In a "pooled" package, each club member using this service **must also be an ARRL member**. Cards should be sorted "en masse" by prefix and a proof of membership should be enclosed for each ARRL member. QSLs for unaffiliated club calls may also be sent via the outgoing bureau to foreign destinations if the trustee of the club call is a member in good standing. The trustee's proof of membership must be included with the club call-QSLs.



From the annals of PPRAA history

PPRAA June 1980

June 1980:

Wed night net disappeared from the Zero Beat. Understand it was from lack of check-ins in recent months. Oak KØROL extended

thanks to Wayne Greene for the article in 73 Magazine which mentioned the PPRAA's participation in the National Sports Festival. Al ADØZ said the communications went very well for the Outhouse Race in Black Forest, with over 10,000 attending. Field Day coming up on 6/28. Location will be on Rampart Range Road. Many hams assisted in the search for a drowning victim in Fountain Creek. The Ø Beat has been running a column listing PPFMA repeater activity, especially with respect to emergency communications, reports of traffic accidents, and other ways the PPFMA repeaters have been used. May board minutes mentioned incorporation papers, but not clear what they were for since the club was already incorporated in 1965. Congratulations noted for the newest ham radio club in the region, the Mountain ARC in Woodland Park. Ray AAØL writes a nice article on how oscilloscopes work.



MARC VE EXAMS

(January, March, May, July, September, November)

The Mountain Amateur Radio Club (MARC) VE Team conducts VE exam sessions in Woodland Park every odd month at 10 am on the first Saturday in the Community Meeting Room of the Woodland Park Library, 218 East Midland

Avenue. The MARC VE Team is affiliated with the ARRL/VEC and examinations for all classes of license will be offered.

Full information, including driving directions to the Woodland Park Library, is available under "VE Sessions" on the MARC website at <http://www.nx0g.org/ve.html> or contact Wes Wilson (KØHBZ) at k0hbz@arrl.net or call (719) 687-8758.

If attending, please BE SURE to bring the following items to the session:

1. A valid PHOTO ID, driver's license preferred (if you do not have a valid photo ID, please call for alternative identification requirements).
2. Your FRN NUMBER (now required – this includes children).
3. Your ORIGINAL amateur radio license (if any) AND a PHOTOCOPY for the VE Team to keep.
4. The ORIGINAL of any relevant CSCEs you have AND a PHOTOCOPY for the VE Team to keep.
5. Cash, Check or Money Order for \$15 (standard ARRL VE Fee). Checks and money orders should be made out to MARC and covers all the different exams you wish to take at the VE session.

MARC VE Team policy, as with many VE Teams, is to not allow same day retests on failed exams.

For already licensed hams, MARC members should be monitoring the MARC repeater system 146.820- or 448.650- (both 107.2 Hz) if you need help with talk-in. 73 Dean Buckhouse



PPRAA VE EXAMS

(MONTHLY)

PPRAA VE session will be held at 9:15 am on the second Saturday of the month at Pikes Peak Library District - Library 21c, 1175 Chapel Hills Dr, Colorado Springs, CO 80920, United States. The exception is the Megafest month where testing will be at Megafest and will be at 10:00 AM

Applicants will need the following items at the session:

1. A valid **PHOTO ID**, driver's license preferred (if you do not have a valid photo ID, please call for alternative identification requirements).
2. Your **ORIGINAL amateur radio license** (if any) **AND a PHOTOCOPY** for the VE Team to keep.
3. The **ORIGINAL of any relevant CSEs** you have **AND a PHOTOCOPY** for the VE Team to keep.

PPRAA VE Team policy, as with many VE Teams, is to not allow same day retests on failed exams.

Dennis Major N0ABC, PPRAA VE Contact, 719-213-1109

Anyone passing their Technician Class examination at a PPRAA test session will receive a free year's membership to the Pikes Peak Radio Amateur Association.

PPRAA VE Session

Monthly on the second Saturday

Where	Pikes Peak Library District - Library 21c, 1175 Chapel Hills Dr, Colorado Springs, CO 80920, United States map
Calendar	PPRAA
Created by	n7lem.0@gmail.com
Description	Testing will take place in the Ent Conference Center.



Study for your Amateur Radio License exam:

Technician [\(2014-2018\)](#)

General [\(2015-2019\)](#)

Amateur Extra [\(2016-2020\)](#)

Other...

HamExam.org Amateur Radio Practice Exams

Welcome, guest.

Log in using <https://hamexam.org/>

or click [register](#) to create an account.

If this is your first visit to the site, please read my brief [introduction](#).

Membership Application
Pikes Peak Radio Amateur Association, Inc.
P.O. Box 16521, Colorado Springs, Colorado 80935

Date: _____ ☐ New Membership ☐ Renewal

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Call: _____ License Class: _____ Telephone: _____

Are you an ARRL member? ☐ Yes ☐ No

Additional Name: _____ Call _____ Class _____ ARRL member? ☐ Yes ☐ No

Additional Name: _____ Call _____ Class _____ ARRL member? ☐ Yes ☐ No

Additional Name: _____ Call _____ Class _____ ARRL member? ☐ Yes ☐ No

E-mail address: _____

☐ Full Member - \$15.00

☐ Full Member over 65 -
\$10.00

☐ Free - VE Signature
Required:

☐ Family Membership (same address) - \$18.00

☐ Family Membership (both over 65) - \$12.00

Pikes Peak Radio Amateur Association, Inc.
P.O. Box 16521
Colorado Springs, CO 80935-6521 USA

To: