



VOLUME 68 ISSUE 4
May 2017

Monthly Ham Breakfast



Saturday, June 3 2017 8-9:30 AM

Doug's Breakfast Lunch

3659 Austin Bluffs Parkway

Colorado Springs, CO 80908

Phone number (719) 636-2286

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



March PPRAA Club Meeting

The May 10th 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

PPRAA Board Meeting Minutes 6 March 2017



Present: Raleigh Holcomb, John Wishart, Mike Anderson, Frank Rogers, Jim Bishop, Jim Madsen, Mr. & Mrs. Glenn Brodt, Jim Rader, Virgil Yost, John Bloodgood, Doug Nielsen, Jerre Redding

The meeting was called to order by President Raleigh Holcomb at 6:31 PM at the IHOP Restaurant at Powers & Stetson Hills.

Silent Keys: Mark Taylor KD0NQP

The minutes from the previous meeting were approved as published in the Zero Beat.

President's Report

Several club members went out to assist Ed to man the fire station during the Hanover fire. It was moved/seconded to reimburse Mike Anderson \$30 for the purchase of a plaque to be presented to IHOP for the continued use of their meeting room and excellent service. Passed.

Treasurer's Report

Jim Madsen reported that we had \$8824.79 in our accounts as of 6 March 2016. Members are encouraged to continue using the King Soopers reloadable gift cards.

Raffle spending we have file a quarterly report. Raffle proceeds must be spent within one year of receipt per state raffle regulations. We will use our proceeds for raffle prizes and related expenses, scholarship funds, and license exam training expenses. We will use the money donated by members for the scholarship (\$247 as of today) and make up the difference from the raffle account up to \$1000. The check (\$1000) will come out of the raffle account.

Committee Reports

Zero Beat Jerre's email is greatphotos@mindspring.com for sending articles, pictures, minutes, etc. to Jerre.

Megafest Report RT Systems will be donating software for the raffle prizes. Raffle tickets have been purchased and received. Raffle license has also been bought. We will have a club table to sell excess club assets. Mike will print up a batch of Megafest flyers to hand out.

VP Report Mike Anderson

We will need some IT help since Dan Scott is moving out of town. Program on Mar 15 will be on Habitat for Humanity.

John Bloodgood ARES Report Amateur Radio Parity Act has been reintroduced. Skywarn training on April 1. Working on some of the local publicity for Megafest.

Virgil Inquired about whether we are registered by the state as a 401C3 organization. We are.

Jim Madsen will send out an email regarding the meeting time change to a week later. He accepted the Square credit card reader from Raleigh.

Doug Nielsen LARCfest at Boulder County Fairgrounds on April 1. Moved/seconded to provide \$20 for table and 2 admissions at the LARCfest to sell our Megafest tickets. Passed. COQP sponsor plaque prices will be going up slightly to \$45 (was \$40).

Next PPRAA Board meeting: Monday, April 10, 2017, 6:30PM at the IHOP at Powers & Stetson Hills.

The meeting was adjourned at 8:22 PM.

Respectfully submitted,
John Wishart NGØI
PPRAA Secretary
21 March 2017

PPRAA Board Meeting Minutes 10 April 2017



Present: Raleigh Holcomb, John Wishart, Jim Bishop, Frank Rogers, Virgil Yost, Jim Madsen, John Bloodgood, Dan Huber, Jim Rader, Mr. & Mrs. Glenn Brodt, Doug Nielsen, Jerre Redding

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

Silent Keys: Chuck Drake KC0MDZ

Treasurer's Report

Jim Madsen reported that we had \$8158.07 in our accounts as of 9 April 2016. Scholarship check for \$1K has been sent to the scholarship administration organization.

Committee Reports

Zero Beat Report Jerre still needs articles.

Megafest Report Jim Rader noted that planning and preparation are proceeding normally. We would also need to have a backup raffle manager in case Jim Madsen can't make it or is sick.

Field Day Report Mika A is seeking a tent or canopy for FD. Jim Rader had seen one at Sam's Club. Dan suggested that MARC had used an EZUp brand canopy that worked well. Publicity in progress. N1MM instructions/instructor is needed. Need volunteers to run the various activities.

ARES Report John B

Skywarn training rescheduled to Apr 22 9AM at the El Paso Co OEM on Mark Dabbling.

Club Station need to put up the satellite antenna prior to FD.

Scholarship Fund \$1K check for 2017 has been submitted.

VP Report Mike Anderson postpone club manual revisions until after Oct.

Dan club remote site. Ed can't donate the computer he thought he could. Dan is getting a replacement system, a Mac Mini running Windows 7 emulator.

Jim Rader Mike has a suitable replacement system for the remote station.

Virgil Need to have a fire extinguisher and a first aid kit available at the club station per our insurance. We already have a FAK, but will need to buy or otherwise obtain a fire extinguisher.

John Bloodgood EOSS put up 6 balloons last Sat. They need to have more tracking and downlink stations. Amateur Radio Parity Act has been reintroduced in Congress.

Jim Madsen recently got several new members. Has filed the annual report with the IRS. Quarterly raffle report has also been filed. Michael DerBort is still the Scholarship Chairman. But he can't continue as the alternate representative to CCARC.

Glenn met a current club member at the restaurant.

Virgil found out from Michael DerBort that we do have a club attorney.

Next PPRAA Board meeting: Monday, May 8, 2017, 6:30PM at the IHOP at Powers & Stetson Hills.

The meeting was adjourned at 7:34 PM.

Respectfully submitted,
John Wishart NGØI
PPRAA Secretary
23 April 2017

PPRAA Business Meeting Minutes 15 March 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 33 members and guests were present.

Silent Keys: Mark Taylor KD0NQP

Minutes Approval

January meeting minutes were approved as published in the Zero Beat.

Treasurer's Report Jim Madsen reported that we had \$7984.79 in our bank accounts as of 15 March 2017. Scholarship fund account contained \$582.90. Made up difference to \$1000 and sent check for that amount to our scholarship management organization.

Committee Reports VP report Mike Anderson

Will be doing asset inventory soon. Need to get insurance for our new equipment.

HPM Memorial Special Station. This was done in La Junta. Not many contacts, but it was a good time.

Special presentation of appreciation plaque to IHOP manager for the continued use of their meeting room and excellent service.

Another special presentation of plaques to Jim Rader and Jim Bishop for extraordinary service and support to the club. Thanks Jim(s).

Public Display Amateur Radio Information Station

This is being planned for setup at the malls and other locations.

Zero Beat

Need to include the minutes. Also please add links to various organizations. Would also like to see articles about the Raspberry Pi and its applications to amateur radio.

Megafest

Jim Rader reported that raffle tickets are now available for sale. Planning is going well. Saturday, July 9, at Lewis Palmer High School. Plenty of help will be needed.

Mike A will be publishing the board and business meeting agendas. Dan Scott will be moving to the east coast soon. We will miss him.

Field Day June 2425. Our club was 1st place in CO last year. Need help with setting up the logging network with NIMM logger. Johnny is helping Mike with Field Day.

Mike noted that there are plenty of opportunities for special event stations. Let us know if you want to have a special event station for nearly any occasion. For example, Memorial Ships Day Special Event Stations are coming up on June 34. Many of the Memorial Ships will be hosting special event stations then.

ARES Report

April 1 is Skywarn Training at Stetson Hills Police Station (for ARES members). Also on April 18 for others. Go to NWS website for info.

EOSS 3 balloon launch is this Saturday. Lots of fire danger now. Be prepared for evacuation.

Program

Isaac Ring from Habitat for Humanity spoke about the HFH program and how it works.

Upcoming Events

Next PPRAA board meeting: 6:30PM, Monday, April 10, 2016, at IHOP Restaurant at Powers & Stetson Hills.

Next PPRAA regular meeting: 7PM, Wednesday, April 12, 2017. Same location as above.

The meeting was adjourned at 8:46 PM.

Respectfully submitted,

John Wishart NGØI

PPRAA Secretary

21 March 2016

PPRAA Business Meeting Minutes 12 April 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 30 members and guests were present.

Silent Key: Chuck Drake KCOMDZ

Treasurer's Report Jim Madsen reported that we had \$8425.07 in our bank accounts as of 12 April 2017.

Committee Reports

VP report Mike Anderson presented Raleigh with a certificate for passing the Amateur Extra exam. He also presented Jim Bishop with a stuffed blue bunny to replace his missing one. Mike is still teaching classes for all three FCC exams. Joe is working on publicity for Field Day.

Megafest Report

Jim Rader Saturday, July 9, at Lewis Palmer High School. Plenty of help will be needed. We will have the EL Paso County emergency communications van there. Scouts will provide refreshments.

ARES Report

John Bloodgood announced Skywarn training on April 1 was cancelled. It was rescheduled to April 22, 9AM, at El Paso County OEM. Will be providing support for the Falcon Fifty on the AFA. See ARES website for other events needing volunteers. EOSS launched six balloons last weekend. They need more APRS gateways for tracking purposes.

Field Day

John Bloodgood will loan us a canopy for FD. We may be able to obtain a tent from Dave's scout troop for FD. Mike A is planning a variety of activities for the event. We will have HF CW, SSB, and digital stations, plus a GOTA station.

Club Station

Support pole for folded dipole has broken. Ed thinks he can fix it. Some additional work is needed to install the satellite antenna system prior to Field Day. Virgil going to a Kansas ham gettogether event in Tribune, KS

John B World Amateur Radio Day is April 18.

Jim Rader encourages use of our KS gift cards. We are close to the next payout level.

Program

Ray Uberecken AA0L gave a presentation on his views on the Amateur Radio hobby and an explanation of baluns and their applications.

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Respectfully submitted,
John Wishart NGØI
PPRAA Secretary
23 April 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:

[2017 Far Scholarship List](#) (Updated April 10, 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.

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

www.arrl.org/outgoing-qsl-service

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 May 1980

May 1980:

May meeting program presented by Ehrhorn RF Amplifiers. Tables go for \$3 at the swapfest. August club picnic will be up at Oak's cabin in the mountains. ADØZ coordinates hams supporting the Black Forest Outhouse Race. April meeting program by WØVO Ed on AMSAT Oscar Phase III. Hammy to Jim Brown KBØKP at April meeting for his service to people during a storm.



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 k0hbx@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 CSCEs 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: