



VOLUME 60 ISSUE 9

September 2010

Colorado QSO Party!

1200Z September 4—0400Z September 5, 2010

Join other stations on the air *Saturday, September 4th* and work to contact hams in Colorado's 64 counties! Operate CW, Phone, Digital, or any combination on all HF contesting bands, VHF, and UHF. Mark your calendars now and join us on the air in September!

Details at:

www.ppraa.org/coqp

- Rules
- Logging Software
- Award Categories
- County Activation Plans
- Latest News



**THIS IS THE EVENT YOU HAVE BEEN
WAITING FOR ALL YEAR!**

September Ham Breakfast

LOCATION

Kressa's Kitchen

660 Peterson Road
Saturday, 4 September 2010
Time is from 8:00-9:30

ELECTIONS

October Club Meeting

Consider running for an officer or board position. You can make a big difference in the quality of the PPRAA.



September Club Meeting

The club meeting will be on September 8th (second Wednesday in September), at 7 pm at Panera Bread on the NE corner of Powers and S. Carefree.

PPRAA Club Officers

President	Doug Nielsen	N7LEM
Vice President	Mike Derbort	KCØELG
Secretary	Dan Scott	WØRO
Treasurer	Pam Scott	WØPRS
Board	Gordon Dixon	KDØFKF
Board	Dave Moore	KØDAM
Board	Tom Brereton	WØTOM
Board	Galen Steele	AGØA
Ø-Beat Editor	Mike Anderson	WV7T

All officers can be contacted at:

boardmembers@ppraa.org

PPRAA Club Meeting

August 11, 2010

President Doug Nielsen, N7LEM, called the meeting to order at 7:00 PM at Panera Bread, followed by introductions around the room. Welcome to all, especially to those that haven't been here in awhile.

Silent Keys: None.

Minutes: Doug Maloney, WØMHP, moved and Gordon Dixon, KDØFKF seconded that the July meeting minutes be approved as published in the Zero Beat. Passed

Treasurer's Report: Pam Scott reported that we had a \$13,802 total balance in our three accounts as of 31 July 2010. Still need to pay the school for the rental for Megafest– haven't received their invoice yet.

Megafest 2010 – Dan handed out certificates to those that helped make the Megafest a success. All help was greatly appreciated!

Colorado YL's meeting – Saturday, August 21st
2:00 – 4:00 at Panera's on N. Academy

Summer picnic – Saturday, August 28th Metcalfe Park in Fountain Pavilion #1, 10:00 – 3:00, see the website for the map and details of what to bring.

Colorado QSO party –Saturday, September 4th, please send an email to coqp-counties@ppraa.org with what county you are covering. We have received money for sponsorship of 12 plaques thus far, with a few more expected. GMCC is possibly going to sponsor 4 mobile categories. The PPRAA board voted to sponsor 2 plaques.

WACCO – Worked All Counties Colorado - This new award will be effective 9/1/10, details on the website. Since this is just before the Colorado QSO party that will give many hams a jump start to earn this award.

Thursday Night Net - Every Thursday night, 7PM, Doc's Glow Net on 28.390 MHz USB. See www.ppraa.org for details. Modes are changed during the evening for experimentation purposes. He has held 96 meetings thus far. Doc hopes to be mobile this week.

Board Elections - reminder that elections are coming up in October. Please consider being a board member. We have 4 positions to fill.

Fox hunt – no new date set yet. If anyone is interested in this, please contact Dan Scott, WØRO.

Ham breakfasts – last one was held at La Casita. September's breakfast will be at Kressa's Kitchen, 660 Peterson Road, Saturday, September 4th. Check website for more details and future locations.

Doc, WØMCT motioned that we spend \$549.99 for new a projector, Mike, WV7T seconded, passed.

Program – Dave Novotny from Cheyenne Mountain Repeater Group gave a presentation on D-Star and where the club is concerning getting the 145.345 DSTAR repeater added to the DSTAR repeater stack on Cheyenne Mountain. He also updated us on what other things CMRG has going on.

Next Board Meeting: 7 PM, Monday, September 6th Daniel's Taco Shop

Next Club Meeting: The next regular club meeting will be Wednesday, 7 PM, September 8th 2010, at Panera Bread on the NE corner of Powers and S. Carefree.

The meeting was adjourned at 9:00 pm

Submitted by: Dan Scott WØRO

PPRAA Secretary

PPRAA Board Meeting

9 August 2010

Call to Order – 7:00 pm

Approval of the July board meeting minutes – Motion by Galen, AGØA, seconded by Mike Derbort, KCØELG, approved

Reports

Treasurer's Report – Pam reported that we are still solvent. Report showed this year-to-date totals compared to last year-to-date totals. Discussion was held on the Megafest totals comparing the two years; also held on tracking the table sales and admissions better in the future.

Picnic (Aug 28)

- food funding approval – motion by Galen, AGØA, seconded by Dan, WØRO amount not to exceed \$300 – approved

COQP (Sept 4)

- award sponsorship – we have received money for 12 plaques thus far, GMCC is talking about sponsoring 2-4 plaques. They will let us know after their board meeting. Pam, WØPRS moved that the club sponsor 2 plaques. Seconded by Galen, AGØA, approved.

Unfinished Business

Club Call Trustee change – Mike, WV7T was handed the FCC notification showing the PPRAA club call sign, WAØVTU, was successfully transferred to him.

New Business

September Board Meeting Date (Labor Day?) – Daniels Taco will be open Labor Day and a straw poll showed that most, if not all, board members will be available for this meeting.

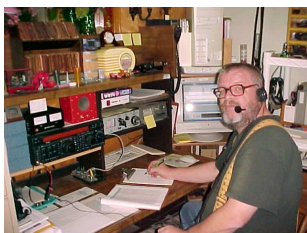
Around the table –

- Colorado YL's meeting August 21st at 2:00 at Panera's on North Academy
- Mike, WV7T, is checking on the availability of a location to hold tech classes this fall
- Mike Derbort, KCØELG, asked about appreciation gifts for speakers at the PPRAA general session meetings. Discussion was to give them the option of gas card, Panera's card, free table at next year's Megafest or a PPRAA membership.
- Galen asked the question about the emails that have been going around concerning the rules for COQP. This was explained and clarified. No additional action was required.
- WACCO will be ready for COQP. The finalized rules need to be formatted for publication on the PPRAA website. Links to the rules will be from both the general PPRAA home page as well as from the COQP web page.
- A discussion was held about membership benefits.

Next board meeting: Monday, 6 September 2010. Location: Daniel's Taco Shop.

Adjourn 7:45

Technical Education



Mike Anderson, WV7T

wv7t@arrl.net

719-229-8610

The new Technician License question pool is now in effect!

License and code tutoring. Electronic theory.

Technical instruction upon request.

Need help getting your ticket or upgrading, give Mike a call.

Online practice exam sites:

QRZ.COM
eHAM.net
Ham Test Online
AA9PW.com

Site for General Class PowerPoints:

www.rtsi.com/~HRInstructor

TECHNICAL CLASSES THIS SUMMER

Workshops will be available on soldering, assembling, building station accessories, and other topics. If you are interested e-mail to wv7t@arrl.net.

SEPTEMBER CONTESTS

September 2010

QRP Fox Hunt 0100Z-0230Z, Sep 1
NCCC Sprint Ladder 0230Z-0300Z, Sep 3
International G3ZQS Memorial Straight Key Contest 2300Z, Sep 3 to 2300Z, Sep 5
Russian RTTY WW Contest 0000Z-2400Z, Sep 4 ±
ARRL EME Contest 0000Z, Sep 4 to 2359Z, Sep 5
All Asian DX Contest, Phone 0000Z, Sep 4 to 2400Z, Sep 5
Wake-Up! QRP Sprint 0600Z-0629Z, Sep 4 and

0630Z-0659Z, Sep 4 and 0700Z-0729Z, Sep 4 and 0730Z-0800Z, Sep 4

Colorado QSO Party 1200Z, Sep 4 to 0400Z, Sep 5
Brazil Independence Day BPSK31 CDX Contest 1200Z, Sep 4 to 1200Z, Sep 5

IARU Region 1 Field Day, SSB 1300Z, Sep 4 to 1259Z, Sep 5

AGCW Straight Key Party 1300Z-1600Z, Sep 4
RSGB SSB Field Day 1300Z, Sep 4 to 1300Z, Sep 5

WAB 144 MHz QRP Phone 1000Z-1400Z, Sep 5
DARC 10-Meter Digital Contest 1100Z-1700Z, Sep 5

Tennessee QSO Party 1800Z, Sep 5 to 0300Z, Sep 6

MI QRP Labor Day CW Sprint 2300Z, Sep 6 to 0300Z, Sep 7

ARS Spartan Sprint 0100Z-0300Z, Sep 7

QRP Fox Hunt 0100Z-0230Z, Sep 8

CWops Mini-CWT Test 1100Z-1200Z, Sep 8 and 1900Z-2000Z, Sep 8 and 0300Z-0400Z, Sep 9

RSGB 80m Club Sprint, SSB 1900Z-2030Z, Sep 9
FISTS Get Your Feet Wet Weekend 0000Z, Sep 10 to 2400Z, Sep 12

NCCC Sprint Ladder 0230Z-0300Z, Sep 10

PODXS 070 Club Jay Hudak Memorial 80m Sprint 2000 local, Sep 10 to 0200 local, Sep 11

WAE DX Contest, SSB 0000Z, Sep 11 to 2359Z, Sep 12

Arkansas QSO Party 1300Z, Sep 11 to 0100Z, Sep 1

Swiss HTC QRP Sprint 1300Z-1900Z, Sep 11

Ohio State Parks on the Air 1600Z-2400Z, Sep 11

ARRL September VHF QSO Party 1800Z, Sep 11 to 0300Z, Sep 13

ARCI VHF Contest 1900Z, Sep 11 to 0400Z, Sep 13

SKCC Weekend Sprint 0000Z-2400Z, Sep 12

North American Sprint, CW 0000Z-0400Z, Sep 12

NAQCC Straight Key/Bug Sprint 0030Z-0230Z, Sep 16

NCCC Sprint Ladder 0230Z-0300Z, Sep 17

AGB NEMIGA Contest 2100Z-2400Z, Sep 17

Connecticut QSO Party 0000Z-2359Z, Sep 18

ARRL 10 GHz and Up Contest 0600 local, Sep 18 to 2400 local, Sep 19

SARL VHF/UHF Analogue Contest 1000Z, Sep 18 to 1000Z, Sep 19

CIS DX QPSK63 Contest 1200Z, Sep 18 to 1200Z, Sep 19

Scandinavian Activity Contest, CW 1200Z, Sep 18

to 1200Z, Sep 19

SRT HF Contest SSB 1300Z, Sep 18 to 1300Z, Sep 19

South Carolina QSO Party 1300Z, Sep 18 to 2100Z, Sep 19

QRP Afield 1500Z, Sep 18 to 0300Z, Sep 19

Feld Hell Sprint 1600Z-1800Z, Sep 18

Washington State Salmon Run 1600Z, Sep 18 to 0700Z, Sep 19 and 1600Z-2400Z, Sep 19

QCWA Fall QSO Party 1800Z, Sep 18 to 1800Z, Sep 19

North American Sprint, SSB 0000Z-0400Z, Sep 19

Run for the Bacon QRP Contest 0100Z-0300Z, Sep 20

144 MHz Fall Sprint 1900 local - 2300 local, Sep 20

SKCC Sprint 0000Z-0200Z, Sep 22

RSGB 80m Club Sprint, CW 1900Z-2030Z, Sep 22

NCCC Sprint Ladder 0230Z-0300Z, Sep 24

CQ Worldwide DX Contest, RTTY 0000Z, Sep 25 to 2400Z, Sep 26

AGCW VHF/UHF Contest 1400Z-1659Z, Sep 25 (144) and 1700Z-1759Z, Sep 25 (432)

Texas QSO Party 1400Z, Sep 25 to 0200Z, Sep 26 and 1400Z-2000Z, Sep 26

QRP Homebrewer Sprint 0000Z-0400Z, Sep 27

222 MHz Fall Sprint 1900 local - 2300 local, Sep 28



How do most hams look when they
want a new “toy”

Thursday Evening Net

Please join us for the Thursday Night 10-meter net. We meet at 7:00 PM (Local) on or near 28.390 USB.

The goal of the net is for Technicians through Extra class operators to enjoy a weekly on-the-air chat, and experiment with various transmission modes. The outcome of the net has been a surprise to new old old-timers alike, we has all come away with a better understanding of our radios, filter usage, mic gain, transmission line, ...etc.

This is a perfect net for an introduction to HF and/or SSB too. The net is informal, just jump in with your call and net control will get you on the list. One thing that is (almost) always is giving a description of you rig, antenna system and approximate location.

Technicians remain operating SSB as do other class operators with SSB only radios. If you are restricted to SSB do not let that bother you as we take that into account even as we jump between modes (AM, FM, DSB, LSB).

Hope to hear you Thursdays on the net!

73s
Dan WØRO

On August 12, 2010, we completed the 10 meter net on 28,390 MHz, for the 97th time.
73
Doc WØMCT



MARC SEPTEMBER VE EXAMS

September 4th, 2010

The Mountain Amateur Radio Club VE Team will be conducting a VE session at 10 am on Saturday, September 4th, 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@arri.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 SOCIAL SECURITY 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 may 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 cover all 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 Wes KØHBZ

Meeting of the Hams after 10 years



On August 18th Mike WV7T (left) met Phil WB4GMR (right) in Canon City while Phil and his family were on vacation from Virginia. Mike and Phil first met on the air during one of Mike's KØUSN special event operations. Over the years Phil worked more of the KØUSN special events than any other ham, missing only 2. Mike and Phil kept in touch by IMing, e-mails, and phone calls and have pledged to continue what has now become almost a family tradition.



Balloon Bowling

Dayton Hamvention 2010

Dave, NØEOP

Perfect weather for the 2010 Dayton Hamvention this year! General attendance was up about 15% (actual numbers are not available yet), number of inside vendors increased this year, and outside flea market vendors were up by more than 10%. The smart money says that attendance, inside exhibitors, and outside flea market vendors will continue rising for the next few years.

I had a fantastic time and was able to walk around and see more this year. With the number of inside exhibitors you could spend a couple of days wondering from one area to the next and could still miss seeing some of the items on display. The outside flea market has so many items that I think it would take you several days

to see all of the things that you just cannot do without. I saw many hams that I have known for years and met a lot of new hams. I am looking forward to next year and know that it will even be better than this year. I am not sure if I'll attend the Contest University (CTU) or not next year (I have attended the last three years). If you have never attended the CTU and enjoy contesting then you should attend. The presenters are very knowledgeable and all of the classes are excellent! I saw Paul and Anna several times over the weekend. Pam asked Anna how she enjoyed the CTU and the Hamvention (ask her if she is practicing her paper origami?). There were 7 or 8 PPRAA members at the Hamvention and I probably missed seeing a couple more.

I attended several forums and they were better this year than they have been during the past several years. Attendance at the forums was standing room only. This is the only time I have seen this many hams in one area, and only one person was speaking at a time. I saw a lot of equipment leaving with new owners. Not sure where everyone was getting there money from. But, all of the vendors that I know were very happy with their sales this year and promised to bring even more equipment next year. The flea market had a lot of good equipment and if you worked at it you could get very good prices.

Mark your calendar now! Schedule your vacation time so that you can attend next year. Save all of your pennies. I promise that you will find something to spend them on. Remember, "If you can't find it in Dayton it doesn't exist"! The dates for 2011 Dayton Hamvention are 20, 21, and 22 May. The Contest University will be on 19 May. If you are going to make it to Dayton let me know and we can get together and have a cup of coffee (I'll buy!).

I gave out all of the flyers promoting the Colorado QSO Party. Hope to work a lot of you during the party! I think that the number of stations will be up this year and the way propagation has been improving this should be a GREAT year.

I am still unpacking. Taking my time and trying to do it the right way. So, I do not have my station setup yet. As soon as I get everything

operational I'll let you know what frequencies I will be monitoring (of course I'll spend a lot of time on 28.345 and 28.400). The room I am setting up for my computers and radios is smaller than I thought. So, I'm having to really work on getting things to fit and still be usable. Still hoping on purchasing a FLEX 5000 in the future. Perfect weather for the 2010 Dayton Hamvention this year! General attendance was up about 15% (actual numbers are not available yet), number of inside vendors increased this year, and outside flea market vendors were up by more than 10%. The smart money says that attendance, inside exhibitors, and outside flea market vendors will continue rising for the next few years.

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Attendance at Dayton over the years.

2010 - 19,750
2009 - 18,877
2008 - 17,253
2007 - 19,138
2006 - 20,324
2005 - 20,411
2004 - 19,869
2003 - 22,168
2002 - 24,832
2001 - 26,151

2000 - 28,804
1999 - 28,176
1998 - 28,120
1997 - 28,000
73,
Dave NØEOP

My Amateur Radio Passion

By Dick Thompson (WØRAA)



I have been licensed since August, 1963. Over those past 47 years (wow, where does the time go?), I have done a little bit of everything. I've homebrewed gear for the shack, built kits, designed antennas, rag chewed, served as Net Control for numerous traffic handling nets, helped at public service events, and the list goes on and on. But it turns out that I have found, what I would call, my #1 passion in ham radio; Contesting!

Why contesting? Well, I'm not really sure, but I would guess that it's the challenge to do the best that I can against stations/operators who are far superior in station equipment, operating skills, and such, against my "little pistol" station. Those guys are what I would call "Big Gun" stations. Contesting will definitely sharpen your operating skills.

I always shied away from contesting because I just didn't feel that I had a good enough station to compete. I guess many others feel the same way. If you happen to be one of them, then get that notion

out of your thoughts. You can compete with others like yourself.

I guess I got interested in contesting after visiting the shack of Doug, NØCDA. Doug had a Yaesu FT-920 and I was thinking of buying the same radio, so he kindly invited me over to his QTH to "twist the knobs" on his 920 to see if I liked it. Well, I fell in love with it, and purchased one. I have since moved to a Yaesu FT-950, but that FT-920 got me started in contesting. Doug had operated in several RTTY contests and expressed his enthusiasm for the mode, especially in a contest. So, after I got my FT-920 and learned the ins & outs of using it, I decided to get into some of the digital modes like PSK31, MFSK, RTTY, etc. I did some research on the web and decided to purchase a RigBlaster interface. Once I received it, I was in business on the digital modes.

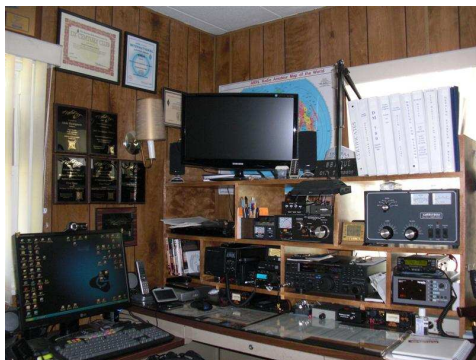
One of the first contests I entered was the ARRL RTTY Roundup. I didn't do all that good, but I had a lot of fun. It was a real blast. The next year, I teamed up with Shel Radin, KFØUR, and we operated the RTTY Roundup from my QTH as Multi-Single (Multi Operator-Single Radio). We took First Place in the Colorado Section. The following year we took First in the Rocky Mountain Division and the Colorado Section, and have repeated that each year since. We alternate calls every year. One year we operate as WØRAA and the next as KFØUR. I enter almost every major RTTY contest during the contest season. I also operate in most major CW contests, an occasional PSK contest and every now and again a SSB contest. I don't dislike SSB; I just prefer RTTY and CW contesting. They definitely sharpen my skills. I can start a CW contest at 20 WPM and be up to 30+ WPM after a few hours of operating.

I have accomplished the following in the few years that I have been doing contests: First Place, ARRL RTTY Roundup, Multi-Op/Low Power; First Place RTTY RU Rocky Mountain Division; First Place, RTTY Roundup, Colorado Section (2009), 10th Place US & Canada; First Place Colorado QSO Party, 2007, In-State CW and In-State Digital; PPRAA Contest Award, First Place, 2007-2008, 2008-2009; First Place Colorado QSO Party, PPRAA SK Memorial Award, Highest Member Score; First Place, IARU HF World Championship

Contest, 2007, Single Op, Low Power, CW Only, Colorado Section; Grand Mesa Contesters of Colorado Top Gun Award for achieving over 1 million points in contesting.

The real highlight of my contesting career (if you want to call it that) was going to Costa Rica to participate in the 2006 CQ WW CW Contest at TI5N. We (NØKE, K8FC, K2PLF & myself) made over 10,000 contacts, a score of over 9 Million Points, taking Fifth Place in North America and First Place in Costa Rica. If you ever have an opportunity to go to a foreign country to operate in a contest, don't turn down the opportunity. You'll remember the experience forever. I asked my XYL, Mary, if she wanted to go, and she said "What would I do while you guys are playing on your beep-beep machines?" Now that's a real 'kitchen pass'.

I am more than willing to help you get started in contesting. All you have to do is ask. I may not have all the answers, but I can definitely be of assistance. Once the bug bites you, you'll be hooked.



73,

Dick – WØRAA
W0raa@arrl.net

Dits and Bits

For Sale or Wanted

Have something to sell or trying to find something or just want to see something get to a good home? Send it in to wv7t@arrl.net and see it in Dits and Bits.

Aki ABØIH/JI3BAP
returns to visit Colorado and PPRAA.



Aki stepped in at the August PPRAA meeting to say Hello to all the hams he made friends with during a previous stay in Colorado. He was on vacation to the US from Japan. (Good to see you again Aki. Mike WV7T). I e-mailed Aki and received the following reply.

I was glad to see you again at the club meeting. I wish I had been able to join the meeting for a longer time. But it was a very a busy trip because I was with with family. I enjoyed our Colorado vacation.

My ham station
Callsign: JI3BAP
ji3bap@jarl.com
QTH: Takatsuki city, Osaka,
JAPAN
Zone: 25, JCC#2509,
Grid:PM74tu

Active band: 7MHz CW, 50MHz
SSB, 144MHz SSB

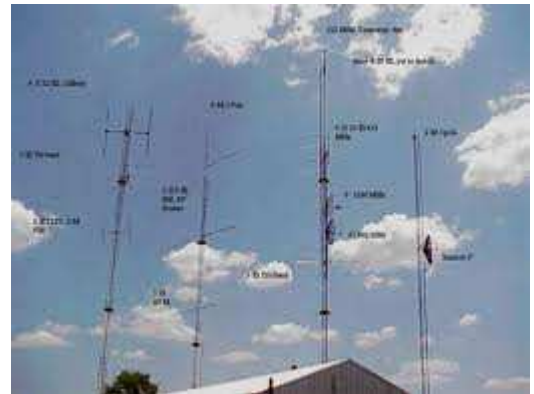
I had wanted to hear about D-star activity in Colorado. I am interested in VoIP but only monitoring now. I am borrowing a D-star HT from my friend now. We have some D-star repeaters in Osaka, but activity is not so high. The most active repeater is JP3YHJ in this area. It is located on the top of a mountain and covers the most of Kansai area (Osaka, Kyoto, Kobe).



in the Colorado QSO Party!



Murphy said what?



Contest season is coming. Check your antennas!



Prorated Club Dues

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Full:	\$15.00	\$13.75	\$12.50	\$11.25	\$10.00	\$8.75	\$7.50	\$6.25	\$5.00	\$3.75	\$2.50	\$1.25
Family:	\$18.00	\$16.50	\$15.00	\$13.50	\$12.00	\$10.50	\$9.00	\$7.50	\$6.00	\$4.50	\$3.00	\$1.50
Senior:	\$10.00	\$9.17	\$8.33	\$7.50	\$6.67	\$5.83	\$5.00	\$4.17	\$3.33	\$2.50	\$1.67	\$0.83
Sr Fam:	\$12.00	\$11.00	\$10.00	\$9.00	\$8.00	\$7.00	\$6.00	\$5.00	\$4.00	\$3.00	\$2.00	\$1.00
Associate:	\$12.00	\$11.00	\$10.00	\$9.00	\$8.00	\$7.00	\$6.00	\$5.00	\$4.00	\$3.00	\$2.00	\$1.00

MEMBERSHIP APPLICATION

All memberships are up for renewal at the end of the year. If you haven't renewed your membership yet, please use the form at the bottom of this page and fill out all the appropriate information so that the Membership Committee can update the records. Include your family so they can share the value and the fun. If you know someone interested in joining, make a copy for them or have them visit PPRAA on the web and download a copy of the PDF file at www.ppraa.org.

Membership Application for the Pikes Peak Radio Amateur Association, Inc. P.O. Box 16521, Colorado Springs, CO 80935-6521	
Date: _____ <input type="checkbox"/> New Member <input type="checkbox"/> Renewal Name: _____ Address: _____ City: _____ State: _____ Zip: _____ Call: _____ Class: N T + G A E Phone: _____ Mbr of ARRL? <input type="checkbox"/> Yes <input type="checkbox"/> No Email: _____ Additional Family Members to Join/Renew Name: _____ Call: _____ Class: _____ ARRL? _____ Name: _____ Call: _____ Class: _____ ARRL? _____ Name: _____ Call: _____ Class: _____ ARRL? _____	In which activities would you like to participate? Field Day <input type="checkbox"/> Demonstrations <input type="checkbox"/> Nets or round tables <input type="checkbox"/> Organize activities <input type="checkbox"/> Teach ham classes <input type="checkbox"/> Full Member \$15 <input type="checkbox"/> Family Membership \$18 <input type="checkbox"/> Over 65 \$10 <input type="checkbox"/> Over 65 Family \$12 <input type="checkbox"/> Associate \$12 <input type="checkbox"/> Donation to Club: \$ _____ Total Enclosed: \$ _____ <div style="text-align: center; border: 1px solid black; padding: 2px; margin-top: 10px;"> MAKE ALL CHECKS PAYABLE TO "PPRAA" </div>
<i>The O-Beat</i> monthly club newsletter is available at WWW.PPRAA.ORG .	
Circle your interests <input type="checkbox"/> HF <input type="checkbox"/> V/UHF <input type="checkbox"/> FM <input type="checkbox"/> SSB <input type="checkbox"/> Digital <input type="checkbox"/> DX <input type="checkbox"/> Contests <input type="checkbox"/> Technical <input type="checkbox"/> Hardware <input type="checkbox"/> Other	
New and renewing members must submit a completed application form along with your check to the Treasurer. Please Type or Print Clearly!	

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

To: