



VOLUME 61 ISSUE 10

ARRL AFFILIATED-SPECIAL SERVICE CLUB

October 2011

# ELECTIONS 2011

P . P . R . A . A .  
NEEDS



YOU

## Oct Ham Breakfast

### LOCATION

The October Ham breakfast will  
be at the Broadway Deli  
4475 Northpark Drive  
Saturday, 1 October 2011

## October Club Meeting

The club meeting will be on October 12th (second  
Wednesday in October, at 7 pm at **Broadway Deli,**  
**301 Garden of the Gods Rd.**

## PPRAA Club Officers

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

All officers can be contacted at:  
[boardmembers@ppraa.org](mailto:boardmembers@ppraa.org)

## Club Elections

Come out and volunteer for a club office.  
Club officers enjoy serving the club and  
supporting the membership in what they  
want to do. New officers bring a fresh  
outlook on club activities and the direction

the club is going. So consider being a club  
officer or board member and bring your  
talents to the club.

*September Board and Club  
meeting minutes will be in the  
November issue of Zero Beat.*

## PPRAA September Board Meeting Minutes

12 September 2011

## PPRAA September Club Meeting Minutes

14 September 2011

## For propagation

A Index, K Index, and Solar Flux  
Index (SFI) go to this site.

<http://dx.qsl.net/propagation/>

## LICENSING



Mike Anderson, WV7T

[wv7t@arrl.net](mailto:wv7t@arrl.net)

***“Now I have my license, now what?”***

**For after license technical instruction contact Mike WV7T**

Below is a listing of instructional materials I can order at a discount. Other ARRL publications to be used for instruction may also be discounted.

Item #	Title	Retail Price	Discount Price
0977	<a href="#"><i>The ARRL Ham Radio License Manual</i></a> , 2nd ed. © 2010	29.95	22.47
0847	<a href="#"><i>ARRL's Tech Q&amp;A</i></a> , 5th ed. © 2010	17.95	13.46
8737	<a href="#"><i>The ARRL Instructor's Manual</i></a> , 5th ed. © 2011	19.95	14.96
8119	<a href="#"><i>General Class License Manual</i></a> , 7th ed. © 2011	29.95	22.47
8089	<a href="#"><i>ARRL's General Q&amp;A</i></a> , 4th ed. © 2011	17.95	13.46
8874	<a href="#"><i>Extra Class License Manual</i></a> , 9th ed. © 2008	29.95	22.47
1379	<a href="#"><i>ARRL's Extra Q&amp;A</i></a> , 2nd ed. © 2008	17.95	13.46
9728	<a href="#"><i>Getting Started with Ham Radio</i></a> , 1st ed. © 2006	19.95	14.96
9558	<a href="#"><i>Basic Radio-Understanding the Key Building Blocks</i></a> 1st ed. © 2005	29.95	22.46
0823	<a href="#"><i>Understanding Basic Electronics</i></a> , 2nd ed. © 2010	29.95	22.46
1155	<a href="#"><i>Basic Electronics Course and Kit</i></a>	55.00	41.25
0017	<a href="#"><i>Modulation and Wave Fundamentals Board</i></a>	69.00	51.75

## Ø-Beat October 1981

### October 1981:

Some events have led the club to nearly pull out of the CCARC. In this issue is a list of questions that will be asked of the CCARC to satisfy some of the concerns the club has about the CCARC. The September meeting was presented by Greg Utterback KAØFOZ who talked about RFI and some of the cures for it. The October meeting will be primarily elections. A transmitter hunt is scheduled for September 18. The club's bylaws are being reviewed by Dave NØDV, Don KBØKQ and Les Borst WDØGTA.

## OCTOBER CONTESTS

### October 2011

± **TARA PSK Rumble Contest** 0000Z-2400Z, Oct 1

± EPC Russia DX Contest 0400Z, Oct 1 to 0359Z, Oct 2

± **Oceania DX Contest, Phone** 0800Z, Oct 1 to 0800Z, Oct 2

± WAB HF Phone 1200Z, Oct 1 to 1200Z, Oct 2

± **California QSO Party** 1600Z, Oct 1 to 2200Z, Oct 2

± EU Autumn Sprint, SSB 1600Z-1959Z, Oct 1

± UBA ON Contest, SSB 0600Z-1000Z, Oct 2

± German Telegraphy Contest 0700Z-0959Z, Oct 3

± ARS Spartan Sprint 0100Z-0300Z, Oct 4

± 432 MHz Fall Sprint 1900 local - 2300 local, Oct 5

± SARL 80m QSO Party 1700Z-2000Z, Oct 6

± YLRL DX/NA YL Anniversary Contest 1400Z, Oct 7 to 0200Z, Oct 9

± Makrothen RTTY Contest 0000Z, Oct 8 to 1559Z, Oct 9

± Oceania DX Contest, CW 0800Z, Oct 8 to 0800Z, Oct 9

± Scandinavian Activity Contest, SSB 1200Z, Oct 8 to 1200Z, Oct 9

± Pennsylvania QSO Party 1600Z, Oct 8 to 0500Z, Oct 9 and 1300Z-2200Z, Oct 9

± Arizona QSO Party 1600Z, Oct 8 to 0600Z, Oct 9 and 1400Z-2359Z, Oct 9

± EU Autumn Sprint, CW 1600Z-1959Z, Oct 8

± FISTS Fall Sprint 1700Z-2100Z, Oct 8

± North American Sprint, RTTY 0000Z-0400Z, Oct 9

± UBA ON Contest, CW 0600Z-1000Z, Oct 9

± 10-10 Int. 10-10 Day Sprint 0001Z-2359Z, Oct 10

± NAQCC Straight Key/Bug Sprint 0030Z-0230Z, Oct 12

± NAQCC-EU Monthly Sprint 1800Z-2000Z, Oct 12

± RSGB 80m Club Sprint, CW 1900Z-2030Z, Oct 12

± CQ SA SSB Contest 0000Z, Oct 15 to 2400Z, Oct 16

± 10-10 Int. Fall Contest, CW 0001Z, Oct 15 to 2359Z, Oct 16

± ARCI Fall QSO Party 1200Z, Oct 15 to 2400Z, Oct 16

± New York QSO Party 1400Z, Oct 15 to 0200Z, Oct 16

± Worked All Germany Contest 1500Z, Oct 15 to 1459Z, Oct 16

± Asia-Pacific Fall Sprint, CW 0000Z-0200Z, Oct 16

± UBA ON Contest, 2m 0600Z-1000Z, Oct 16

± Illinois QSO Party 1700Z, Oct 16 to 0100Z, Oct 17

± Run for the Bacon QRP Contest 0100Z-0300Z, Oct 17

± ARRL School Club Roundup 1300Z, Oct 17 to 2400Z, Oct 22

± Araucaria VHF Contest 0000Z, Oct 22 to 1600Z, Oct 23

± ARRL EME Contest 0000Z, Oct 22 to 2359Z, Oct 23

± FOC QSO Party 0000Z-2359Z, Oct 22

± Microwave Fall Sprint 0600 local - 1300 local, Oct 22

± RSGB 80m Club Sprint, SSB 1900Z-2030Z, Oct 27

+ **CQ Worldwide DX Contest, SSB** 0000Z, Oct 29 to 2400Z, Oct 30

+ **50 MHz Fall Sprint** 2300Z, Oct 29 to 0300Z, Oct 30

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## SIX Meter Net

Thursday evening 7:30 pm local time after 10 meter net on **50.125** USB

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### PPRAA / Pikes Peak Ten Ten 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 great success. It gives new operators a better understanding of radios, filter usage, mic gain, transmission line..etc.

**We give out 10-10 numbers!**

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## PPRAA AUGUST VE EXAM October 8<sup>th</sup>, 2011

PPRAA VE session will be held at 9 am on Saturday, October 8<sup>th</sup>, 2011, at Colorado Technical University.

Directions to CTU are at the PPRAA website [ppraa.org](http://ppraa.org).

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 SOCIAL SECURITY NUMBER (now required and includes children). Your SOCIAL SECURITY NUMBER or FRN (FCC Registration Number) if already licensed or previously obtained (required for ALL candidates, regardless of age).
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 \$14 (standard ARRL VE Fee).

Jackie Cornwell ACØCA  
POC VE Team  
719-632-8254



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# Ditz and Bitz

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](mailto:wv7t@arrl.net) and see it in Dits and Bits.

## WANTED

Mobile 3-4 magnet mount for ham sticks.

Mike WV7T  
229-8610  
[wv7t@arrl.net](mailto:wv7t@arrl.net)

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Ø BEAT IS  
ALWAYS  
LOOKING FOR  
INTERESTING  
ARTICLES  
AND  
PICTURES.



## Senior Biker Bar

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## Senior camping package

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## QRO vs QRP

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## Rules for Recognition Program

- 1) Starting date for all activities September 1st, 2011
- 2) All contacts have to be made after September 1st, 2011
- 3) Applicant must be a paid member of the Pikes Peak Radio Amateur Association
- 4) All submissions will be sent to the Program Administrator (WV7T)
- 5) All submissions will be in the form of log extracts or as specified
- 6) Participate from any US state or possession location
- 7) Forms/submission sheets (excel forms) provided by program administrator
- 8) Nets are okay
- 9) Schedules are okay
- 10) Operate as single or multiple operator
- 11) None of the activities has a time restriction

Program administrator is Mike Anderson, WV7T.

[wv7t@arrl.net](mailto:wv7t@arrl.net)

Refer all questions to him.

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## **WAS/WAC/DXCC/VUCC**

Based on ARRL award requirements  
Basic award: first 25 State/Country/Grids  
WAC requires only 6 contacts  
Submission: Log extract  
Submission form: provided by program administrator  
Endorsable in 25 State/Country/Grid contact steps

## **VHF/UHF/HF Grid Squares**

Work Grid Squares on all bands, any mode  
Basic award: first 10 grids  
Submission: Log extract  
Submission forms: Provided by program administrator  
Grid Square map available from program administrator  
Endorsable in 10 grid steps

## **First Contact Award**

Recognition for a new ham's first radio contact  
Submission: Log extract

## **Islands on the Air IOTA**

Based on the rules of the RSGBIOTA  
Basic award: for first 10 islands worked  
Submission: log extract  
Endorsable in 5 island steps

## **Portable Operating/Rving**

Basic award: operate 2 times away from your home location  
Submission: Report on each outing.  
Endorsable in 5 additional outing steps

## **Lighthouses**

Work Lighthouse/Lightships  
Basic award: work 5 Lighthouse/lightship stations  
Submission: log extract  
Endorsable in 5 additional Lighthouse/Lightship contact steps

## **Classic Equipment**

Basic award: using 2 different tube type radios make 1 contact with each  
Submission: Description of radios and log extract of contacts  
Endorsable for making 1 contact each using 2 more different tube radios

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### **Work Special Event Stations**

Basic award: for working 5 special event stations

Submission: log extract, Certificate, or QSL card

Endorsable in 5 additional special event station contact steps

### **Rag Chewing**

Basic award: 5 Contacts lasting 30 minutes or more

Endorsable for 10 contacts longer than 30-60-90-120 minutes or longer

Any band and mode

Submission: log extract with start/stop times

### **SMIRK Six meter International Radio Klub**

Work 6 SMIRK members and get your SMIRK number.

### **Work all US call areas**

Including US possessions

Basic award: work 1 station in call areas 1-Ø

Only 1 contact in each area need

Submission: log extract

Endorsable in 5 call area steps

### **Word Match by Callsigns**

Work stations whose suffix begins with the letters from a monthly word found in Zero Beat each month. Only letters no numbers

Submission: Log extracts

Endorsable in monthly steps

### **Mobile Operations**

Operating from a vehicle in motion or stopped

Basic award: for 20 contacts any band/mode

Submission: log extract

Endorsable for each additional 50 contacts

### **Counting Hunting**

In accordance with County Hunters rules

Basic award: for 25 counties

Submission: log extract

Endorsable in 25 county steps

## **Ten Ten**

Basic award: work 10 Ten Ten members and get 10 10 number

Submission: log extract

Endorsable for each additional 20 Ten-Ten numbers

VP number (from Ten Ten) for 500 Ten Ten contacts

## **WARC x 3**

Basic award: make 10 contacts on 30m, 17m, and 12m

Submission: log extract

Endorsable in 20 contact steps on each band

## **Digital x 2**

Work 10 stations using any 2 digital modes (20 contacts)

Basic award: for first 10 contacts on both modes

Submission: log extract

Endorsable in 50 contact (each mode) steps

## **QRP-HF**

Work 25 stations any mode as an HF QRP station

Power: 5 watts CW, DIGITAL, FM; 10 watts PEP SSB

Basic award: for first 25 contacts any HF band/mode

Submission: log extract

Endorsable in additional 25 contacts steps

## **Homebrew Antennas**

Make contacts with a homebrew (no commercial) antenna

Basic award: for first antenna and 5 contacts with it

Make and use as many different antennas as you can

Submission: Description of antenna - log extract of contacts

Endorsable in 2 antenna steps

## **SCOUTS**

Active in teaching Scouts radio/electronics merit badge

Participate in 1 Jamboree on the Air

Submission: Report on scouts taught and Jamboree experience

## **Packet**

Make packet keyboard to keyboard contacts

Basic award: 5 contacts

Digipeaters/nodes are okay

Submission: log extract

Endorsable in 5 additional contact steps

## **Satellite**

Basic award: make 1 satellite contact  
Submission: log extract  
Endorsable in 2 additional contact steps

## **ATV**

Basic award: make 1 Amateur TV (fast scan) contact  
Submission: log extract  
Endorsable in 2 contact steps

## **SSTV**

Basic award: make 1 contact on SSTV  
Submission: log extract  
Endorsable in 5 contact steps

## **Operating a Special Event Station**

Basic award: Organize and operate 1 special event operation  
Submission: Write report on what and how you did.  
Endorsable for additional 2 operations

## **Propagation**

Basic award: monitor propagation for 2 weeks  
Send findings to the club via reflector daily  
Endorsable for additional 2 weeks in 2 week increments

## **Beacon Monitoring**

Using online beacon list log each beacon heard (HF/VHF)  
Basic award for 10 beacons logged  
Submissions: Log entries of beacons heard  
Submission forms: From program administrator  
Endorsable for additional 10 beacons logged

A	D	V	U	D	X	I	T	T	X	Z	M	H	O
W	A	G	C	P	L	U	L	A	B	B	A	G	Y
L	E	R	X	R	N	O	O	I	D	L	N	S	I
R	L	O	N	E	G	C	N	U	O	I	Y	X	A
C	N	U	R	U	X	N	X	G	R	M	P	B	R
D	I	N	Y	R	A	P	V	P	W	Y	F	E	Q
Q	W	D	M	W	J	N	O	Z	M	I	J	A	W
K	T	M	D	E	K	C	A	T	S	A	R	M	H
P	C	O	Q	M	O	Y	A	G	I	D	S	E	R
J	P	U	V	E	R	T	I	C	A	L	F	T	P
T	T	N	D	C	V	L	Q	S	G	X	X	A	K
T	H	T	R	N	S	D	B	M	A	E	B	J	V
Z	D	E	F	V	T	D	E	F	D	N	E	R	V
A	N	D	E	G	A	R	E	V	E	B	W	X	J

beam  
 beverage  
 coax  
 endfed  
 groundmounted  
 halo  
 longwire  
 mast

ringo  
 stacked  
 tuner  
 twinlead  
 vertical  
 xbeam  
 yagi

**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: \_\_\_\_\_

Additional Name: \_\_\_\_\_ Call \_\_\_\_\_ Class \_\_\_\_\_ ARRL mbr? ☐ Yes ☐ No

Additional Name: \_\_\_\_\_ Call \_\_\_\_\_ Class \_\_\_\_\_ ARRL mbr? ☐ Yes ☐ No

Additional Name: \_\_\_\_\_ Call \_\_\_\_\_ Class \_\_\_\_\_ ARRL mbr? ☐ Yes ☐ No

E-mail address: \_\_\_\_\_

Do you want your newsletter delivered via e-mail in PDF Format? \_\_\_\_\_ ☐ Yes ☐ No

Are you an ARRL member? ☐ Yes ☐ No

One year membership rates, prorated, January through December:  
(See schedule at bottom)

☐ Full Member - \$15.00

☐ Full Member over 65 - \$10.00

☐ Associate Member - \$12.00

☐ Free - VE Signature Required: \_\_\_\_\_

☐ Family Membership (same address) - \$18.00

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

☐ Newsletter only \$12.00

Please check activities for which you would volunteer:

☐ Field Day ☐ Hamfest ☐ Hospitality ☐ Public Relations

☐ RFI Committee ☐ Radio demonstrations

☐ On-Air Nets/Roundtables ☐ Teach potential hams about ham radio (Elmering)

☐ Special Event Communications (walks, foot races, bicycle races, etc.)

Your Interests:

☐ HF ☐ VHF/UHF ☐ Contests ☐ Technical ☐ FM ☐ SSB ☐ Pub Svc/Emergency Comm

☐ Digital ☐ DX ☐ Hardware ☐ \_\_\_\_\_ ☐ \_\_\_\_\_ ☐ \_\_\_\_\_



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

**To:**