



VOLUME 61 ISSUE 12

December 2011

ARRL AFFILIATED-SPECIAL SERVICE CLUB

PPRAA Christmas Party



*****PPRAA Christmas Party*****

GOLDEN CORRAL

PPRAA Holiday Party to be held on Wednesday 14 December at the **Golden Corral**
1970 Waynoka Road (Powers and Palmer Park).

Start time: 1800 (6:00pm). The club will be providing door prizes.

Dec Ham Breakfast

LOCATION

The December Ham breakfast will be at the Black Bear Diner,
975-A N. Academy Blvd
(Academy and Galley)
Saturday, 3 December 2011

December Club Meeting

The Christmas Party will replace the club meeting in December.

PPRAA Club Officers

President	Mike Derbort	KCØELG
Vice President	Dan Scott	WØRO
Secretary	Diana Nordstrom	KCØNPP
Treasurer	Pam Scott	WØPRS
Board	Tom Brereton	WØTOM
Board	John Wishart	KCØJFH
Board	Doug Neilsen	N7LEM
Board	Jim Bishop	KDØKQL
Board	Virgil Yost	NØXRS
Board	Kerriane Dixon	KDØIPR
Ø-Beat Editor	Mike Anderson	WV7T

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

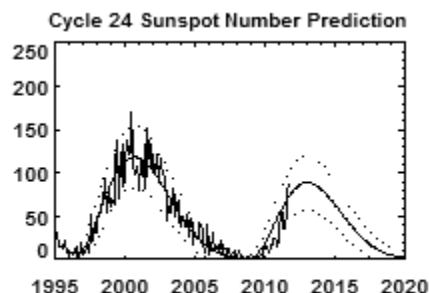
PPRAA November Board Meeting Minutes

November Meeting and Board minutes will be in the January Ø-Beat

For propagation

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

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



Licensing

We now have a

location for

classes !



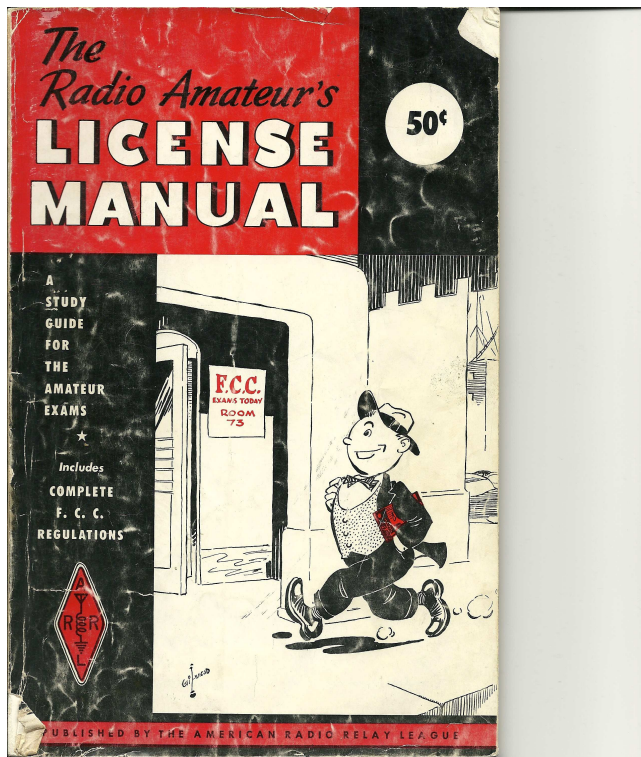
Mike Anderson, WV7T
wv7t@arrrl.net
719-229-8610

Presently there are 4 classes in progress.

NEW CLASSES STARTING IN JANUARY!
Tech-General-(Extra by request)

“Now I have my license...what do I do?”

After Licensing Training.



All class license manual 1957
(\$.50 that was a while ago!)

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	Discount Price
0977	<u>The ARRL Ham Radio License Manual</u> , 2nd ed. © 2010	29.95	22.47
0847	<u>ARRL's Tech Q&A</u> , 5th ed. © 2010	17.95	13.46
8737	<u>The ARRL Instructor's Manual</u> , 5th ed. © 2011	19.95	14.96
8119	<u>General Class License Manual</u> , 7th ed. © 2011	29.95	22.47
8089	<u>ARRL's General Q&A</u> , 4th ed. © 2011	17.95	13.46

8874	<u>Extra Class License Manual</u> , 9th ed. © 2008	29.95	22.47
1379	<u>ARRL's Extra Q&A</u> , 2nd ed. © 2008	17.95	13.46
9728	<u>Getting Started with Ham Radio</u> , 1st ed. © 2006	19.95	14.96
9558	<u>Basic Radio-Understanding the Key Building Blocks</u> 1st ed. © 2005	29.95	22.46
0823	<u>Understanding Basic Electronics</u> , 2nd ed. © 2010	29.95	22.46
1155	<u>Basic Electronics Course and Kit</u>	55.00	41.25
0017	<u>Modulation and Wave Fundamentals Board</u>	69.00	51.75

PPRAA Apparel

Both **Silk Screen and Embroidered** (Shirts, T-Shirts, Hats, Badges, etc.), members pay for individual shirts. Embroidered - Club logo = \$7. Call sign and name ordered together = \$7, Call sign or name ordered separately = \$5 each. The number to call to order is: (719) 591-6151. Monograms by Jane.

Silkscreened - T-Shirts with a one color left chest logo only no name or call sign: Small thru Xlarge: \$8.75 ea. T-Shirts with one color logo on left and name with call sign on right side: Small thru Xlarge: \$9.60 ea. for XXlarge add \$2.00 per shirt.

POC Dick Thompson, WØRAA
719-520-0288





After a long contest all you want to do
is sleep!

Ø-Beat December 1981

December 1981:

Al ADØZ proposes performing a club inventory and marking all property with labels. Frank WBØPAJ writes an article on George Ohm, the person after which Ohm's Law is named. December meeting is home brew night! The club discovers that it's no longer incorporated, at least, according to certain information gained by WBØLTV who contacted the secretary of state. A committee is still working on the bylaws and on getting legal assistance for the tax exempt status.



Recognition Day December 3rd

<http://www.wrh.noaa.gov/mtr/hamradio/>

Online Spotter course

<http://www.stormspotters.org>

DECEMBER CONTESTS

± QRP ARCI Topband Sprint 0000Z-0600Z,
Dec 1

± ARRL 160-Meter Contest 2200Z, Dec 2 to
1600Z, Dec 4

± TARA RTTY Melee 0000Z-2400Z, Dec 3

± Wake-Up! QRP Sprint 0600Z-0629Z, Dec 3
and 0630Z-0659Z, Dec 3 and 0700Z-0729Z,
Dec 3 and 0730Z-0800Z, Dec 3

± TOPS Activity Contest 1600Z, Dec 3 to
1559Z, Dec 4

± AWA Bruce Kelley Memorial CW Contest
2300Z, Dec 3 to 2300Z, Dec 4 and 2300Z, Dec
10 to 2300Z, Dec 11

± ARS Spartan Sprint 0200Z-0400Z, Dec 6

± NCCC Sprint Ladder 0230Z-0300Z, Dec 9

± ARRL 10-Meter Contest 0000Z, Dec 10 to
2359Z, Dec 11

± CWops Mini-CWT Test 1300Z-1400Z, Dec
10 and 1900Z-2000Z, Dec 10 and 0300Z-
0400Z, Dec 11

± SKCC Weekend Sprint 0000Z-2400Z, Dec
11

± NAQCC Straight Key/Bug Sprint 0130Z-
0330Z, Dec 14

± CWops Mini-CWT Test 1300Z-1400Z, Dec 14 and 1900Z-2000Z, Dec 14 and 0300Z-0400Z, Dec 15

± NAQCC-EU Monthly Sprint 1800Z-2000Z, Dec 14

± NCCC Sprint Ladder 0230Z-0300Z, Dec 16

± AGB-Party Contest 2100Z-2400Z, Dec 16

± RAC Winter Contest 0000Z-2359Z, Dec 17

± Feld Hell Sprint 0000Z-2400Z, Dec 17

± OK DX RTTY Contest 0000Z-2400Z, Dec 17

± **Lighthouse Christmas Lights QSO Party** 0001Z, Dec 17 to 2359Z, Jan 1

± Croatian CW Contest 1400Z, Dec 17 to 1400Z, Dec 18

± Stew Perry Topband Challenge 1500Z, Dec 17 to 1500Z, Dec 18

± **ARRL Rookie Roundup, CW** 1800Z-2359Z, Dec 18

± QRP ARCI Holiday Spirits Homebrew Sprint 2000Z-2400Z, Dec 18

± Run for the Bacon QRP Contest 0200Z-0400Z, Dec 19

± DARC Christmas Contest 0830Z-1059Z, Dec 26

± SKCC Sprint 0000Z-0200Z, Dec 28

± CWops Mini-CWT Test 1300Z-1400Z, Dec 28 and 1900Z-2000Z, Dec 28 and 0300Z-0400Z, Dec 29

± NAQCC Straight Key/Bug Sprint 0130Z-0330Z, Dec 29



This is where all the DXers hang out!

SIX Meter Net

Thursday evening after 10 meter net on **50.125** USB



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!



A PDF version of the ARRL VE Manual is available. Let WV7T know if you would like a copy.

Vanity callsign fees are now \$14.20

PPRAA DECEMBER VE EXAM

December 10th, 2011

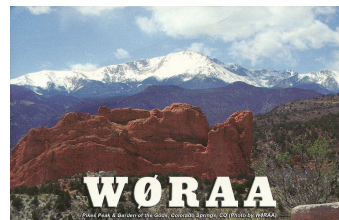
PPRAA VE session will be held at 9 am on Saturday, December 10th, 2011, at Colorado Technical University.

Directions to CTU are at the PPRAA website 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



Dick's new QSL

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 and see it in Dits and Bits.

WANTED

I need an 8 to 10 foot x 1.5 inch rotor mast
for my tower install at my cabin.

Jim NØTUI

640-8503

Mobile 3-4 magnet mount for ham sticks.

Mike WV7T

229-8610

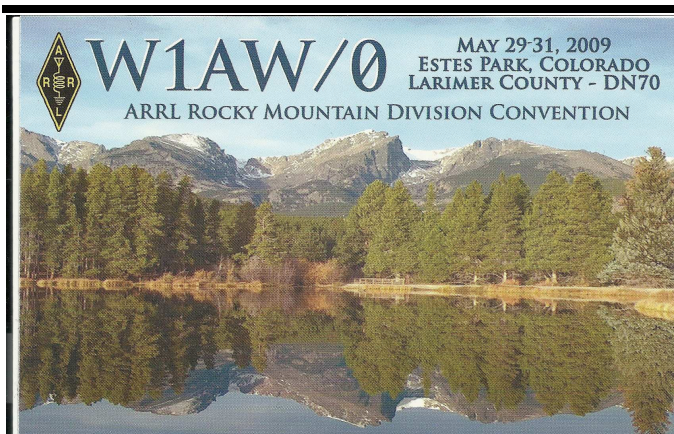
wv7t@arrl.net

ARRL Incoming QSL Bureaus

<http://www.arrl.org/incoming-qsl-service>

ARRL Outgoing QSL Bureaus

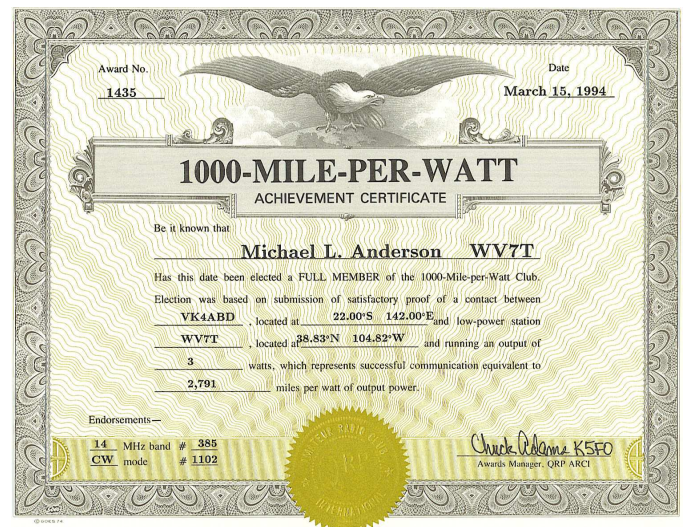
<http://www.arrl.org/outgoing-qsl-service>



Do you have a great QSL? Send
WV7T a copy and share it with club
members.

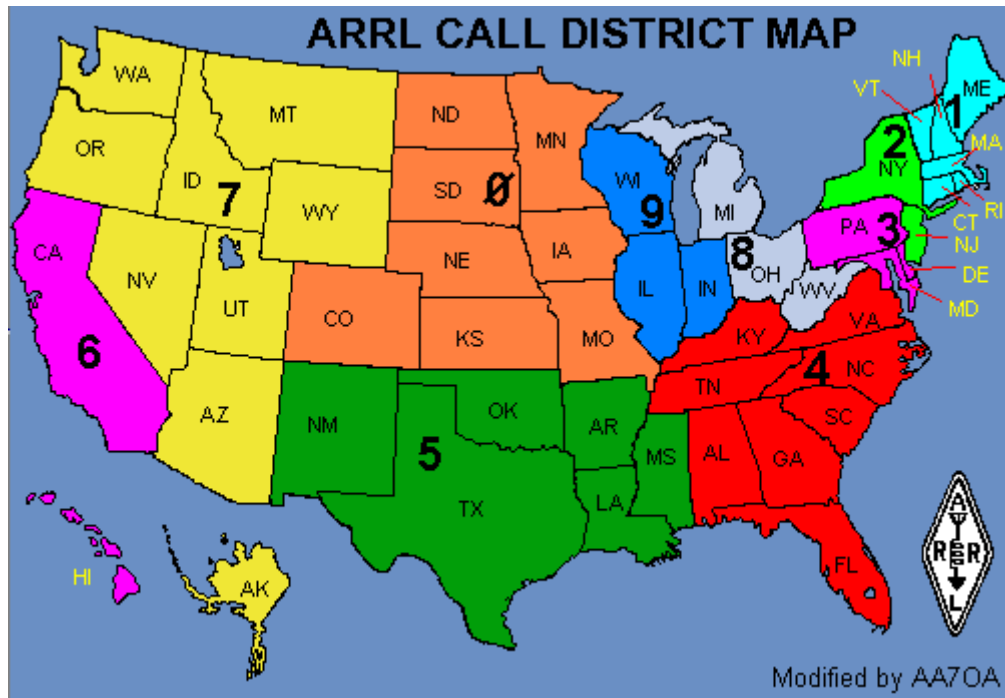


Do you have one?



2,791 miles per watt. Colorado to
Australia.

Callsign Word Match
for December is **METER**



PPRAA 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

Refer all questions to him.
 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

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 1-0

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

Amateur Fast Scan TV

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

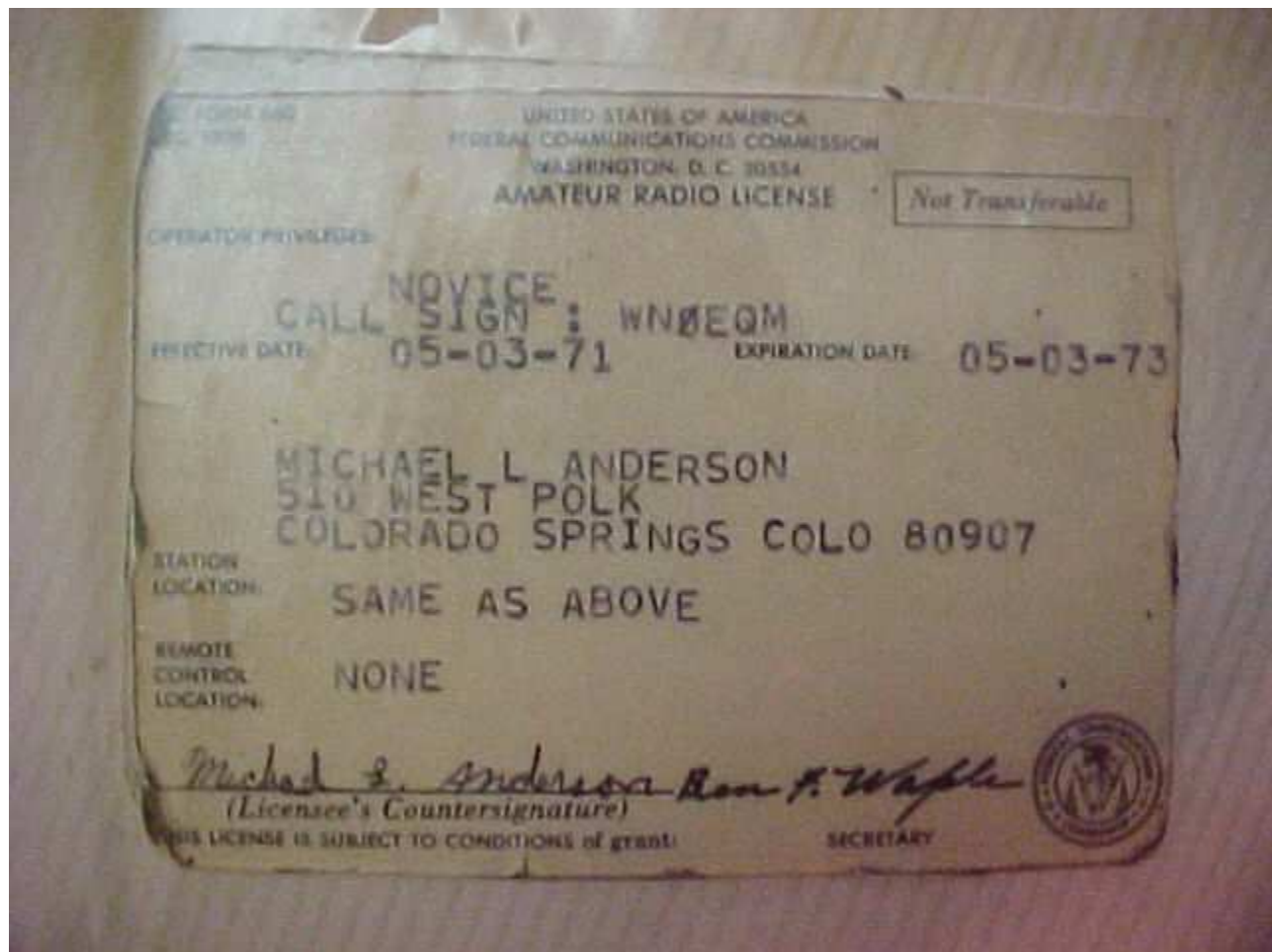
Using online beacon list log each beacon heard (HF/VHF)

Basic award for 10 beacons logged

Submissions: Log entries of beacons heard

Submission forms: From program administrator

Endorsable for additional 10 beacons logged



How many of you still have your first license?

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

ARRL
 CALLBOOK
 EIGHTY
 FASTSCAN
 FIFTEEN
 FORTY
 ONESIXTY
 PSK

QRZ
 RTTY
 SEVENTEEN
 TEN
 THIRTY
 TWELVE
 TWENTY

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: