



VOLUME 62 ISSUE 8

August 2012

ARRL AFFILIATED-SPECIAL SERVICE CLUB

Colorado QSO Party!

1200Z September 1—0400Z September 2, 2012

Join other stations on the air *Saturday, September 1st* 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



Dust off the mic, kleen the key, set the computer up cuz it's time for the COQP!

August Ham Breakfast

LOCATION

OMELETS, ETC.

1616 South 8th Street

Saturday, 4 August 2012

Time is from 8:00-9:30 AM

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

Elections in October!

Give some thought to run for an office.

August Club Meeting

The August 8th club meeting will be at the IHop on Stetson Hills Blvd
(Just west of Powers Blvd).
5749 Stetson Hills Blvd.

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	Kerrienne Dixon	KDØIPR

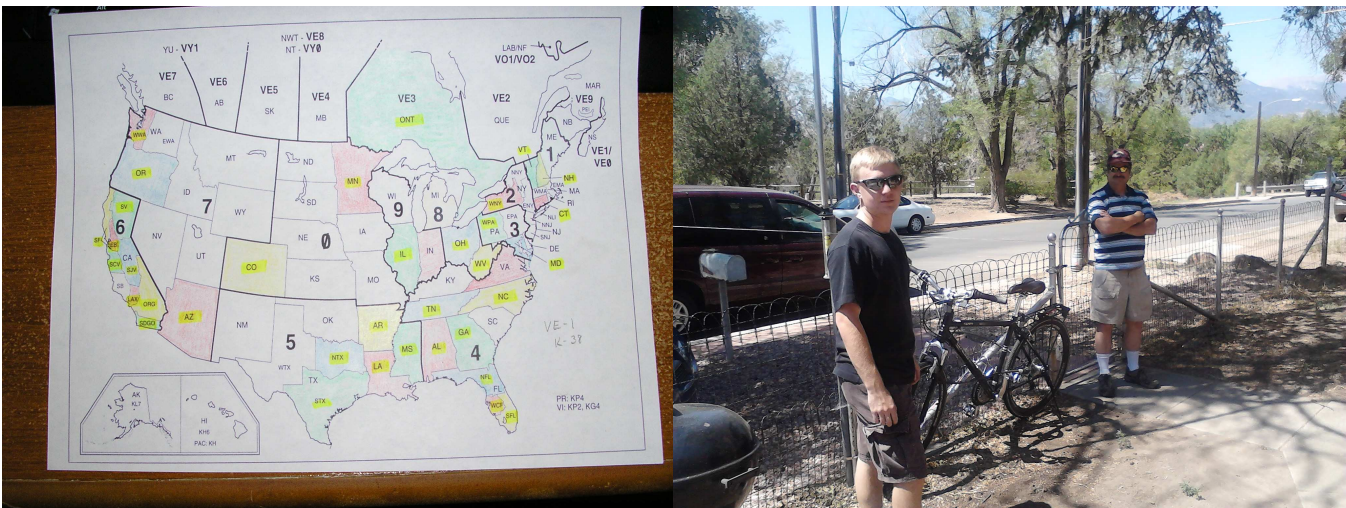
All officers can be contacted at:

officers@ppraa.org

WV7T FD Group

This was a great training event! There were 3 young students and 4 older students and visitors. First, the homebrew antenna tuner failed. Second, the power supply lost its voltage regulator. Ah Murphy! The group constructed a 20m wire dipole, and weird as it may seem, a dipole out of crutches. The antennas were installed...on to the radios! The radio was set for 15w and they tried the HF beam, then to the wire dipole, and then the “Crutchzilla!” John, Steven, and Eric made quite a few great contacts. In all, the group worked 39 sections in 27 states. The “Crutchzilla” captured 33 sections in 27 states. FD score wise they achieved 212 points. Not Bad!

On the map below, the states with yellow in the section names were worked with Crutchzilla!



First FD for these folks.



Another student working on the 20m wire dipole. “Crutchzilla” is in the fore ground.



The tuner don't work

Megafest!



The counter staff



Megafest was a very busy place



WOW! Bargains to be had.

For propagation Information

A Index, K Index, Sunspot number, and Solar Flux Index (SFI) go to the club website.

www.ppraa.org

EDUCATION

Licensing



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

A BIG thank you to all the hams at Megafest who generously donated boxes of items for the hands-on classes!

Location of classes

Roswell Community Church
2728 Beacon Street

2 new classes have started for the Extra with 6+ students and the General class continues with 5 students.

Extra License Class

Sundays 1-3pm, or Tuesdays 2-4pm

General License Class

Sundays
3-5pm

Hands-on Training

Saturday 2-4pm

Call before attending each Saturday in case class is postponed.
229-8610

Study Materials

Below is a listing of instructional materials that WV7T can order at a discount.

Item #	Title	Retail Price	Discount Price
0977	<i>The ARRL Ham Radio License Manual</i> , 2nd ed. © 2010	29.95	22.47
0847	<i>ARRL's Tech Q&A</i> , 5th ed. © 2010	17.95	13.46
8737	<i>The ARRL Instructor's Manual</i> , 5th ed. © 2011	19.95	14.96
8119	<i>General Class License Manual</i> , 7th ed. © 2011	29.95	22.47
8089	<i>ARRL's General Q&A</i> , 4th ed. © 2011	17.95	13.46
5170	<i>Extra Class License Manual</i> , 9th ed. © 2008	29.95	22.47
4708	<i>ARRL's Extra Q&A</i> , 2nd ed. © 2008	17.95	13.46
9728	<i>Getting Started with Ham Radio</i> , 1st ed. © 2006	19.95	14.96
9558	<i>Basic Radio-Understanding the Key Building Blocks</i> 1st ed.© 2005	29.95	22.46
0823	<i>Understanding Basic Electronics</i> , 2nd ed. © 2010	29.95	22.46
1155	<i>Basic Electronics Course and Kit</i>	55.00	41.25
0017	<i>Modulation and Wave Fundamentals Board</i>	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

Ø-Beat August 1982

August 1982:

Al Bailey ADØZ writes an article alluding to the fact that computers are going to become a part of every ham shack. Period. At the July meeting Ken Morey of Hewlett Packard presented a program on electronic components. The business meeting followed the program. Seven or eight hams are needed to support the Pikes Peak Rodeo Parade on August 3. Dick, WBØDUL, from the Mountain Amateur Radio Club, announced their upcoming hamfest at Red Rocks Campground. Talk-in on the MARC repeater on

145.16. The board considered a motion to lower the dues, but it was eventually decided to leave them at the then-present level. Mark (call?) was arranging a public service announcement tape from the ARRL to be aired on KKTV and KOAA. A motion was passed to purchase a club generator. Les WDØGTA volunteered to add a "The Way it Was" column to the Ø Beat. The August program will be by Ed Means WØVO on satellites.



Online Spotter course

<http://www.stormspotters.org>

August Contests

August 2012

± QRP Fox Hunt 0100Z-0230Z, Aug 3

± NCCC Sprint Ladder 0230Z-0300Z, Aug 3

± TARA Grid Dip Shindig 0000Z-2400Z, Aug 4

± European HF Championship 0000Z-2359Z, Aug 4

± 10-10 Int. Summer Contest, SSB 0001Z, Aug 4 to 2359Z, Aug 5

± North American QSO Party, CW 1800Z, Aug 4 to 0600Z, Aug 5

± ARRL UHF Contest 1800Z, Aug 4 to 1800Z, Aug 5

± RSGB RoPoCo CW 0700Z-0830Z, Aug 5

± SARL HF Phone Contest 1300Z-1630Z, Aug 5

± ARS Spartan Sprint 0100Z-0300Z, Aug 7

± CWops Mini-CWT Test 1300Z-1400Z, Aug 8 and 1900Z-2000Z, Aug 8 and 0300Z-0400Z, Aug 9

± NAQCC-EU Monthly Sprint 1800Z-2000Z, Aug 8

± QRP Fox Hunt 0100Z-0230Z, Aug 10

± NCCC Sprint Ladder 0230Z-0300Z, Aug 10

± WAE DX Contest, CW 0000Z, Aug 11 to 2359Z, Aug 12

± Maryland-DC QSO Party 1600Z, Aug 11 to 0400Z, Aug 12 and 1600Z-2400Z, Aug 12

± SKCC Weekend Sprintathon 0000Z-2359Z, Aug 12

± Feld Hell Sprint 2000Z-2200Z, Aug 12

± NAQCC Straight Key/Bug Sprint 0030Z-0230Z, Aug 15

± QRP Fox Hunt 0100Z-0230Z, Aug 17

± NCCC Sprint Ladder 0230Z-0300Z, Aug 17

± SARTG WW RTTY Contest 0000Z, Aug 18 to Aug 19 1600Z,

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

± North American QSO Party, SSB 1800Z, Aug 18 to 0600Z, Aug 19

± ARRL Rookie Roundup, RTTY 1800Z-2359Z, Aug 19

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

± SKCC Sprint 0000Z-0200Z, Aug 22

± CWops Mini-CWT Test 1300Z-1400Z, Aug 22 and 1900Z-2000Z, Aug 22 and 0300Z-0400Z, Aug 23

± QRP Fox Hunt 0100Z-0230Z, Aug 24

± NCCC Sprint Ladder 0230Z-0300Z, Aug 24

± Hawaii QSO Party 0400Z, Aug 25 to 2200Z, Aug 26 *****

± SCC RTTY Championship 1200Z, Aug 25 to 1159Z, Aug 26

± YO DX HF Contest 1200Z, Aug 25 to 1200Z, Aug 26

± Kansas QSO Party 1400Z, Aug 25 to 0200Z, Aug 26 and 1400Z-2000Z, Aug 26

± QRP ARCI Welcome to QRP 1500Z-1800Z, Aug 25

± Ohio QSO Party 1600Z, Aug 25 to 0400Z, Aug 26

± SARL HF CW Contest 1400Z-1600Z, Aug 26

± QRP Fox Hunt 0100Z-0230Z, Aug 31

± NCCC Sprint Ladder 0230Z-0300Z, Aug 31



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!

SIX Meter Net

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



PPRAA AUGUST VE EXAM

August 11th, 2012

PPRAA VE session will be held at 9 am on Saturday, August 11th, 2012, 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 CSCs you may have AND a PHOTOCOPY for the VE Team to keep.
 5. Cash, Check or Money Order for \$14 (standard ARRL VE Fee).
-



ARES

August 18: Pikes Peak Ascent (25 positions)

August 19: Pikes Peak Marathon (15 positions)

September 29: 24 hours of Colorado Springs (Mountain bike national championships) (6 positions)

Dan WØRO

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

HT antennas, PL-259s (on cable ends okay), hose clamps, antenna insulators.

Mike WV7T

229-8610

SELL

Yaesu FT-757GX all mode transceiver with matching 757HD power supply and 757AT antenna tuner, operating manual, and original boxes. With 500 KHz thru 30MHz general coverage, all 9 bands 160 thru 10 meters, 100 W output on SSB, CW and FM and 25 W on AM also has full break in CW with an internal keyer. It would make an excellent first HF rig or a very capable back up. Only squawk is ALC/PO meter has failed. \$300

Lonny Janes WØJSW

719.630.1542

or ljanes510@gmail.com

ARRL Incoming QSL Bureaus

www.arrl.org/incoming-qsl-service

ARRL Outgoing QSL Bureaus

www.arrl.org/outgoing-qsl-service

Do you have a great QSL or Certificate? Send WV7T a copy and share it with club members in Zero Beat.

Word Match for August is **AMATEUR**

Work stations that the first letter of the suffix spells AMATEUR.

Technical Topics

Articles are needed for the Technical Topics column. We have a lot of talent in the club so please consider writing an article.

60 Meters

In March 2012 the FCC made changes to the 60m band. Modes are now, USB, CW, digital with power now up to 100w PEP. Any US amateur radio operator holding a General, Advanced or Amateur Extra Class license may only transmit USB, CW or

Digital Modes on CH1=5330.5, CH2=5346.5, CH3=5357.0, CH4=5371.5 & CH5=5403.5 KHz.

TechDay 2012

Get Started in Ham Radio

Come join us on **Saturday, September 15th, 2012** at the **Tri-Lakes Monument Fire Administration Complex** at **166 Second St.** in beautiful **Monument, CO** for a half day workshop aimed primarily at the **new Technician Licensees** to help them get started in ham radio. While you're here you'll learn what it takes to be

a ham radio operator, brush up on your DXing skills, test your own ham radio equipment, check out some sweet mobile radio installations, and ask an Elmer "What's so cool about 10 meters?" ***Getting started in ham radio has never been so much fun!***

Schedule of Events

9:30 am

- Youth DXpedition to Costa Rica
by Anna Veal WØANT

10:30 am

- Mountaintop Operating
by Steve Galchutt WGØAT

11:30 am

- Home Station Setup
by Anna Veal WØANT

12:30 pm

- Getting On the Air
by Brandon Hippe KDØPWF

1:30 pm

- Radio Equipment 101
by Shel KFØUR

* Each presentation is approximately 15 minutes with 5 minutes of Q&A at the end. Events subject to change

Booth Presentations

Help with Radio Programming

hosted by Kyle Hippe KYØHIP & Cole Turner WØCOL

Check Your Radio Performance

hosted by Bob Witte KØNR

See an HF Station

hosted by Dan Scott WØRO & Stu Turner WØSTU

Ask Any Question - The Elmer Booth

hosted by Paul Swanson AAØK & Shel KFØUR

Understand Mobile Installations

hosted by James Bucknall KDØMFO & Ethan Bucknall KDØMFP

Getting Your Ham Radio License

hosted by Brandon Hippe KDØPWF & Eric Hippe NØHIP

Ham Radio & Public Service

hosted by Randy Meadows KNØTPC



Tech Day 2012 is proudly sponsored by the WØTLM Amateur Radio Club and the Pikes Peak Radio Amateur Association.



PPRAA July Club Meeting

Called to Order at 7pm

Introductions (Around the room) – Name – Call Sign

Silent Keys – Jim, WBØNUP

Approval of the May and June club meeting

11 July 2012

Call minutes – Dick, WØRAA moves, Mike, WV7T seconds, the club approves the minutes as presented in the Ø-Beat

Committee Reports

- **Treasurer's Report** – The Club has \$8,082.71 in its accounts
- **Club Station update** – Still need volunteers to help take down a 40ft Rohn tower, still looking for buildings for storage and station. If you have any ideas, or wish to donate, please let a board member know.
- **Electronic Media** – New website! You can join or renew your membership, pay for your Megafest table, or make a donation online!
- **Scholarship Fund** – Please donate for the 2013 school year. If you donate online, let the treasurer know the money is for the Scholarship Fund.
- **Tech Ed** – Need more VEs, Classes: Extra is from 1-3pm, General is from 3 – 5pm on Sunday afternoons, additional Extra classes are offered Tuesdays from 2-4pm.
- **ARES Events** - ARES is looking for volunteers for the following events: Gold Rush 100 – 7/22, Pikes Peak Hill Climb – 8/12, Ascent – 8/18, Marathon – 8/19. Signup at <http://www.ppares.net>

Current Events

- **Megafest** – On July 14th, doors open at 8am. Need volunteers on the 13th from 4-6pm for setup, and on the 14th starting at 6am to run the event. Need VEs for testing at 10am. RT Systems is sponsoring the event and a mockup of the Titanic Radio Room will be on display
- **Open Positions** – We have some open positions; let a board member know if you are interested.
- **Field Day** - Went very well! Lots of official visits: Ben Baker Deputy Section Manager, Robert ARRL emergency coordinator, Ellicott Fire Department.

Ham Breakfast, Omelets, Etc., 1616 South 8th Street, Saturday, 4 August 2012, Time is from 8:00-9:30 AM

Thursday night net: Every Thursday at 7pm on 28.390.

Adjourn - Doug Nielsen moves to adjourn, the room seconds, meeting is adjourned at 9pm

NEXT MEETING: WEDNESDAY, 8 AUGUST 2012. LOCATION: IHOP

PPRAA July Board Meeting Agenda

09 July 2012

Call to Order: 6:39pm, Members present were Dan Scott, Pam Scott, Mike Derbort, Jim Bishop, Mike Anderson, Kerriane Dixon, Virgil Yost, John Wishart, Tom Brereton, Doug Nielsen, and Diana Nordstrom

2012 Goals and Objectives

- New Website with Members only area and integration between Forums site and calendar
- Membership - Goal 150
- Club Station – Online and available
- 0-beat – At least one technical article per month
- Scholarship fund

Approval of the May and June board meeting minutes – John Wishart moves to approve, Doug seconds, the board approves the minutes as presented in the 0-Beat

Committee Reports

- Megafest 2012 - Friday: tables 4-6, need extension cords and plugs, label them!, table numbers (John), road signs (Kerriane), pizza dinner, Saturday: Terry on talk in, Scouts? At 6am, need raffle volunteers, need VEs, Virgil to work vendor table, human arrow for testing?, Tear down: 1pm, tables need to go on carts by picked up by 2.
- Treasurer's report
 - Financials - \$8082.71
- Building committee
 - Shed & Station Building – no custom build due to fire, 53' trailer in Henderson but \$3900 and need to pick up
 - Lastly 80 ft for of Rohn 80 tower – was waiting on Dan to return to town
- Electronic Media – need to add photo album for club events

New Business

Summits on the Air/14ners: Aug 5

Hamcon: 28-30 June 2013, Estes Park

Special Events

- PPARES needs volunteers: Gold Rush 100 – 7/22, Pikes Peak Hill Climb – 8/12, Ascent – 8/18, Marathon – 8/19

Unfinished Business

- **HAM Breakfast** Omelets Etc, 1616 South 8th Street., Saturday, 4 August 2012

Around the table

Jim Bishop: Potential SK: WBØNUP is in the hospital and not expected to recover

Mike Anderson: Need more tech articles!

Adjourn – Doug Nielsen moves, Tom Brereton seconds, board adjourns at 7:37pm

NEXT BOARD MEETING: MONDAY, 6 AUGUST 2012. LOCATION: DANIELS TACO SHOP

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: